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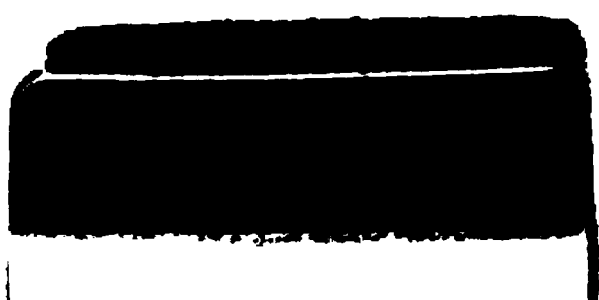
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The Commonwealth of Massachusetts.

TWENTY-SEVENTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1912.

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.



BOSTON:

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1914.

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the Constitution and present the results thereof in such manner as the general court may determine.

.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

APPROVED BY THE STATE BOARD OF PUBLICATION.

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STATISTICS OF MANUFACTURES — 1912.

INTRODUCTION.

The year 1912 marks the highest level ever reached in the history of Massachusetts manufactures. The value of goods produced in her factories for that year, as shown by the returns from 8,271 establishments, was \$1,596,734,445, an increase of nearly \$129,000,000, or approximately nine per cent, over 1911, and a gain over the record of the latest Census of more than \$106,000,000, or upwards of seven per cent. Leaving out of the account the value of stock and materials, some \$929,000,000 (already, in large measure, the product of other manufacturing industries), we have upwards of \$667,000,000 of new wealth created, in different forms, by our manufacturing establishments in the year 1912. The following is a comparison of the data for All Industries for 1909 (the last census year) and 1912: —

	1909	1912
<i>Number of Establishments,</i>	11,684	8,271
<i>Total Amount of Capital Invested,</i>	\$1,279,686,558	\$1,308,013,171
<i>Total Value of Manufactured Product,</i>	\$1,490,529,386	\$1,596,734,445
<i>Total Value of Stock and Materials Used,</i>	\$830,764,943	\$929,304,882
<i>Total Amount of Wages Paid in Manufacturing Establishments,</i> .	\$301,173,464	\$335,553,704
<i>Average Number of Wage-Earners,</i>	584,559	608,590

The significance of these figures is more readily understood when it is remembered that in census years the canvass is complete, that for 1909 covering 11,684 establishments, while the canvass for 1912, although covering in their entirety the principal industries of the State, omitted the industries gas, printing and publishing newspapers and periodicals, the lumber camps and saw mills in remote regions, as well as a large num-

ber of small establishments; these latter, "constituted a considerable proportion of the total number of establishments — 23.6 per cent in the census year — but the value of product in them amounted to only *one-half of one per cent of the total.*"¹

The figures by years, from 1907 to 1912, are given in the following table:

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials used	Wages Paid	Average Number of Wage-Earners
1907,	5,671	\$1,364,431,255	\$779,840,958	\$278,191,113	539,982
1908,	6,044	1,172,808,782	669,259,739	245,207,180	480,134
1909 (census year), . . .	11,684	1,490,529,386	830,764,943	301,173,464	584,559
1910,	7,939	1,465,749,310	863,381,866	304,852,691	578,551
1911,	8,132	1,467,961,803	863,050,379	311,148,856	584,033
1912,	8,271	1,596,734,445	929,304,882	335,553,704	608,590

The increase shown for the State as a whole is exhibited also in each of the five principal industries. *Boots and shoes*, exclusive of cut stock and findings, increased its product from \$196,898,074 in 1911 to \$209,489,037 in 1912, a gain of \$12,590,963, or 6.4 per cent. The textile industries, notwithstanding the serious depression which has existed and still exists in them to some extent, and notwithstanding the prolonged strike in Lawrence during the first quarter of the year 1912, show substantial improvement for the year as a whole, the increase in *Woolen and worsted goods*, including felt goods and wool hats, amounting to more than \$20,000,000 in product value, or 17.3 per cent as compared with the previous year, and *Cotton goods*, including cotton small wares, presenting a gain of nearly \$6,000,000 in product value, or a little over three per cent. *Leather, tanned, curried, and finished* shows an increase of nearly 25 (24.7) per cent in product value as compared with the year 1911, and while some of this gain is doubtless attributable to advance in prices, there is also evidence of increase within the industry, as shown by the gain of nearly 15 per cent in the average number of wage-earners, and the increase of over \$1,000,000 in wages

¹ 13th Census of the U. S., Vol. IX, page 507.

² Not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, and 1912.

paid as compared with the year preceding. *Paper and wood pulp* increased in product value from \$44,951,237 to \$47,228,049, a gain of \$2,276,812, or a little over five per cent. These figures for the principal industries are as full and complete as those of the Census, inasmuch as all of the establishments in them were canvassed in 1912. The totals brought up to date for these five industries are presented by years in the following tables, beginning with 1907:

Boots and Shoes (exclusive of Cut Stock and Findings).*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	—	—
1908,	169,957,116	¹ \$18,170,060	¹ 9.7
1909,	187,045,767	17,088,651	10.1
1910,	190,856,515	3,810,748	2.0
1911,	196,898,074	6,041,559	3.2
1912,	200,489,037	12,590,963	6.4
Increase for the five-year period,	—	21,361,861	11.4

(b) Stock and Materials.

1907,	\$118,399,291	—	—
1908,	104,171,604	¹ \$14,227,687	¹ 12.0
1909,	114,277,189	10,105,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,298	3,705,812	3.2
1912,	125,659,585	6,329,287	5.3
Increase for the five-year period,	—	7,260,294	6.1

(c) Wages Paid.

1907,	\$42,025,242	—	—
1908,	38,959,428	¹ \$3,065,814	¹ 7.3
1909,	41,970,498	3,011,070	7.7
1910,	45,171,454	3,200,956	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
Increase for the five-year period,	—	7,571,042	18.0

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	—	—
1908,	69,250	¹ 3,421	¹ 4.7
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.3
1912,	81,962	2,420	3.0
Increase for the five-year period,	—	9,291	12.8

¹ Decrease.

Cotton Goods (including Cotton Small Wares).*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$190,148,422	—	—
1908,	156,048,533	¹ \$34,099,889	¹ 17.9
1909,	186,462,313	30,413,780	19.5
1910,	192,777,722	6,315,409	3.4
1911,	183,121,235	¹ 9,656,487	¹ 5.0
1912,	189,010,823	5,889,588	3.2
Increase for the five-year period,	—	¹ 1,137,599	¹ 0.6

(b) Stock and Materials.

1907,	\$105,499,029	—	—
1908,	92,951,308	¹ \$12,547,721	¹ 11.9
1909,	105,156,794	12,205,486	13.1
1910,	121,880,780	16,723,986	15.9
1911,	119,879,589	¹ 2,001,191	¹ 1.6
1912,	115,079,451	¹ 4,800,138	¹ 4.0
Increase for the five-year period,	—	9,580,422	9.1

(c) Wages Paid.

1907,	\$45,063,459	—	—
1908,	40,228,037	¹ \$4,835,422	¹ 10.7
1909,	45,117,069	4,889,032	12.2
1910,	44,857,100	¹ 259,969	¹ 0.6
1911,	44,744,628	¹ 112,472	¹ 0.3
1912,	48,943,728	4,199,100	9.4
Increase for the five-year period,	—	3,880,209	8.6

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	101,862	—	—
1908,	91,645	¹ 10,217	¹ 10.0
1909,	108,914	17,269	18.8
1910,	108,804	¹ 110	¹ 0.1
1911,	109,683	879	0.8
1912,	112,384	2,701	2.5
Increase for the five-year period,	—	10,522	10.3

¹ Decrease.

Leather, Tanned, Curried, and Finished.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$46,903,784	—	—
1908,	41,613,182	¹ \$5,290,602	¹ 11.3
1909,	40,002,079	¹ 1,611,103	¹ 3.9
1910,	41,544,425	1,542,346	3.9
1911,	41,701,686	157,261	0.4
1912,	51,987,780	10,286,094	24.7
Increase for the five-year period,	—	5,083,996	10.8

(b) *Stock and Materials.*

1907,	\$34,364,843	—	—
1908,	29,850,511	¹ \$4,514,332	¹ 13.1
1909,	28,765,508	¹ 1,085,003	¹ 3.6
1910,	30,346,759	1,581,251	5.5
1911,	30,160,956	¹ 185,803	¹ 0.6
1912,	37,353,493	7,192,537	23.8
Increase for the five-year period,	—	2,988,650	8.7

(c) *Wages Paid.*

1907,	\$5,284,362	—	—
1908,	4,959,120	¹ \$325,242	¹ 6.2
1909,	5,443,944	484,824	9.8
1910,	5,808,631	364,687	6.7
1911,	5,604,360	¹ 204,271	¹ 3.5
1912,	6,625,375	1,021,015	18.2
Increase for the five-year period,	—	1,341,013	25.4

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	10,156	—	—
1908,	9,227	¹ 929	¹ 9.1
1909,	10,252	1,025	11.1
1910,	10,691	439	4.3
1911,	9,903	¹ 788	¹ 7.4
1912,	11,372	1,469	14.8
Increase for the five-year period,	—	1,216	12.0

¹ Decrease.

Paper and Wood Pulp.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,087,321	¹ \$10,620,359	¹ 24.9
1909,	40,096,713	8,009,392	25.0
1910,	43,030,325	2,933,612	7.3
1911,	44,951,237	1,920,912	4.5
1912,	47,228,049	2,276,812	5.1
Increase for the five-year period,	-	4,520,369	10.6

(b) Stock and Materials.

1907,	\$23,927,908	-	-
1908,	18,093,119	¹ \$5,834,789	¹ 24.4
1909,	22,349,613	4,256,494	23.5
1910,	25,869,769	3,520,156	15.8
1911,	27,258,974	1,389,205	5.4
1912,	29,000,736	1,741,762	6.4
Increase for the five-year period,	-	5,072,828	21.2

(c) Wages Paid.

1907,	\$6,735,401	-	-
1908,	5,569,968	¹ \$1,165,433	¹ 17.3
1909,	6,541,636	971,668	17.4
1910,	6,871,253	329,617	5.0
1911,	7,169,660	298,407	4.3
1912,	7,791,973	622,313	8.7
Increase for the five-year period,	-	1,066,572	15.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	¹ 2,156	¹ 15.9
1909,	12,848	1,458	12.8
1910,	13,382	534	4.2
1911,	13,811	429	3.2
1912,	14,096	285	2.1
Increase for the five-year period,	-	550	4.1

¹ Decrease.

Woolen and Worsted Goods (including Felt goods and Wool hats).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$131,731,290	-	-
1908,	105,207,889	¹ \$26,523,401	¹ 20.1
1909,	141,966,882	36,758,993	34.9
1910,	124,732,488	¹ 17,234,394	¹ 12.1
1911,	117,766,316	¹ 6,966,172	¹ 5.6
1912,	138,250,253	20,483,937	17.3
Increase for the five-year period,	-	6,518,963	4.9

(b) *Stock and Materials.*

1907,	\$81,450,075	-	-
1908,	64,097,028	¹ \$17,353,047	¹ 21.3
1909,	87,976,331	23,879,303	37.3
1910,	77,264,829	¹ 10,711,502	¹ 12.2
1911,	75,533,192	¹ 1,731,637	¹ 2.2
1912,	86,389,055	10,855,863	14.4
Increase for the five-year period,	-	4,938,980	6.1

(c) *Wages Paid.*

1907,	\$23,043,548	-	-
1908,	19,226,058	¹ \$3,817,490	¹ 16.6
1909,	24,592,763	5,366,705	27.9
1910,	22,683,873	¹ 1,908,890	¹ 7.8
1911,	23,123,850	439,977	1.9
1912,	27,065,903	3,942,053	17.0
Increase for the five-year period,	-	4,022,355	17.5

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	50,392	-	-
1908,	42,898	¹ 7,494	¹ 14.9
1909,	53,873	10,975	25.6
1910,	50,071	¹ 3,802	¹ 7.1
1911,	49,986	¹ 85	¹ 0.2
1912,	55,089	5,103	10.2
Increase for the five-year period,	-	4,697	9.3

¹ Decrease.

THE CITIES.

No change in industrial position, as between the years 1911 and 1912, is noted among the first seven cities of the State. In the eighth place, however, held by *Brockton* in 1911, we have *Cambridge* in 1912. The total value of goods manufactured in the 33 cities in 1912 amounted to \$1,163,466,626, and this figure formed, approximately, 73 per cent of the State total. The gain over 1911, the total for that year being \$1,062,133,348, was more than nine per cent, and the excess over the corresponding total for the census year, \$1,087,396,052, was nearly seven per cent. In the following table, the 33 cities are grouped into classes according to value of product, *Boston* holding the upper extreme, with an output of \$241,229,318, and the nearest city, *Worcester*, having a product value only about one-third as large, \$86,318,715:

PRODUCT VALUE EXPRESSED IN MILLIONS.	NUMBER OF CITIES IN RESPECTIVE CLASSES	
	1912	1911
200 and over,	1	1
100 to 200,	-	-
50 to 100,	7	6
40 to 50,	5	3
30 to 40,	-	3
20 to 30,	3	1
10 to 20,	6	6
1 to 10,	11	13
Total,	33	33

Thirty of the 33 cities show increase in value of product in 1912 as compared with 1911, special gains in important cities being shown for *Boston* and *Worcester*, *Lynn* and *Haverhill*, *Cambridge*, *Somerville*, and *Springfield*.

The value of product for the city of *Boston*, including what was formerly the town of Hyde Park, — annexed to Boston in 1912, — amounted to \$241,229,318, a gain over the totals for the preceding year of, approximately, 14 per cent. It should, perhaps, be again noted that the figures for *Boston* in 1912 do not include establishments engaged in the manufacture of gas

or in newspaper printing and publishing, both of which industries are of considerable importance in this city.¹ The number of wage-earners in Boston increased from 63,715 in 1911 to 72,343 in 1912, and the total amount disbursed in wages rose to \$43,621,813 as against \$37,557,055 in 1911. Increases in product value are also shown in 1912 for the following industries, — *Boots and shoes, Boot and shoe cut stock and findings Confectionery, Electrical machinery, apparatus, and supplies, and Foundry and machine-shop products.* The city of *Worcester*, second in importance, owes her industrial position to her foundries and machine shops, iron and steel works, and wire mills, and there are also extensive manufactures of woolen and worsted goods.

The rank of the boot and shoe cities, based on the value of these goods produced in 1912 was as follows: *Lynn*, \$35,511,992 as against \$33,526,669 in 1911; *Brockton*, \$34,244,367 as against \$34,975,333 in 1911; and *Haverhill*, \$26,183,090 as against \$22,898,656 in 1911. Haverhill holds fourth position in the manufacture of boots and shoes in the United States, St. Louis ranking third, as determined by the Census of 1909, and Lynn and Brockton keeping the lead both in Massachusetts and in the United States. In this industry, there was perhaps more movement from place to place than usual, several large factories in Lynn having discontinued business there in 1912. It so happens, however, that although the product in these particular factories was lost to Lynn, it was apparently more than made up by the increase in business in the other establishments, and there has been at the same time a distinct gain to Boston or to some other city in the Metropolitan district, among which Everett may be noted. There were, too, removals to New Hampshire, but they were more than offset by the incoming of wholly new enterprises to this industry, of which several of considerable importance were located in the city of Boston.

Fall River, Lowell, and New Bedford, are the first three cities in the State and in the United States in the manufacture of *Cotton goods*. Each of them exhibits gain in 1912 as compared with 1911 for All Industries, and both Fall River and New Bedford exhibit a slight gain in the value of cotton goods pro-

¹ The combined product in these industries according to the Census of 1909 was upwards of \$20,000,000.

duced and in the number of wage-earners employed in that industry. In Lowell, however, although the city as a whole shows a gain, the value of cotton goods produced was somewhat less than in 1911. The city of *Lawrence*, first in the manufacture of *worsted goods* in the State and in the United States, exhibits considerable increase over 1911. Notwithstanding the serious strike in that city during the first three months of 1912, the year closed with a product value in the woolen and worsted goods industry of \$48,346,932, and an average of 19,218 wage-earners employed, as against \$41,507,774 and an average of 17,058 wage-earners in 1911. The city of *Cambridge* exhibits substantial gain (14.9 per cent), the industries being somewhat diversified, but the manufacture of rubber boots and shoes, rubber belting and hose, confectionery, and foundry and machine-shop products may be specially mentioned. The city of *Holyoke*, prominent in the manufacture both of fine paper and of textiles, shows an increase of six per cent over the figures for 1911. *Somerville*, whose principal industry is *Slaughtering and meat packing*, had an increase of 14.2 per cent, and the city of *Springfield*, although with smaller product value, made a relatively greater gain than any thus far noted.

The figures for 1911 and 1912 for the several cities of the State, are brought together for comparison in the following table:

CITIES.	1911	1912	Percentage of Increase
Totals,	\$1,062,133,343	\$1,163,466,626	9.5
Boston,	211,806,717	241,229,318	13.9
Worcester,	77,565,904	86,318,715	11.3
Lynn,	72,580,443	80,544,498	11.0
Lawrence,	65,878,126	70,315,376	6.7
Fall River,	58,277,536	62,440,525	7.1
New Bedford,	56,421,318	59,823,994	6.0
Lowell,	55,653,413	56,690,584	1.9
Cambridge,	46,271,508	53,154,607	14.9
Brockton,	48,804,570	48,896,581	0.2
Holyoke,	42,888,084	45,592,190	6.3
Somerville,	39,509,299	45,125,009	14.2
Haverhill,	37,793,125	42,418,255	12.2
Springfield,	32,607,059	40,699,921	24.8

	1911	1912	Percentage of Increase
Fitchburg,	\$24,123,657	\$24,837,689	3.0
Chicopee,	19,979,705	24,076,032	20.5
Pittsfield,	17,958,959	20,580,024	14.6
Salem,	15,179,703	19,037,759	25.4
Chelsea,	18,409,543	16,474,423	¹ 10.5
Taunton,	13,954,908	15,767,316	13.0
Quincy,	17,587,223	14,400,062	¹ 18.1
North Adams,	9,506,803	10,744,577	13.0
Everett,	9,166,271	10,223,567	11.5
Waltham,	8,268,532	9,760,793	18.0
Northampton,	7,564,461	8,333,736	10.2
Marlborough,	7,995,217	8,258,371	3.3
Malden,	7,925,616	8,053,194	1.6
Newburyport,	7,387,131	8,039,735	8.8
Gloucester,	7,557,314	7,578,694	0.3
Beverly,	7,932,495	6,963,033	¹ 12.2
Woburn,	5,030,718	5,975,787	18.8
Newton,	5,745,660	5,924,559	3.1
Melrose,	2,654,024	2,716,498	2.4
Medford,	2,148,306	2,476,214	15.3

¹ Decrease.

METROPOLITAN BOSTON.

The data in detail for the industries of the Metropolitan district will be found on pages 31-37 and the totals for the several cities and towns which it embraces are given on pages 38 and 39. Thirty-nine cities and towns are included; the town of Hyde Park, heretofore separately presented, was annexed to Boston at the beginning of 1912, and the returns, therefore, have been included with the totals for that city. The value of goods produced in 1912 for the entire Metropolitan district was \$545,310,724 as against \$502,527,771 in 1911, an increase of upwards of \$42,000,000, or more than eight and one-half per cent. Within this district was produced 34.2 per cent of all the goods manufactured in the entire State in 1912, and while the increase as between 1911 and 1910 was 2.9 per cent, the gain in 1912 as compared with 1911 was nearly three times as great, or 8½ per cent. Since the total increase for the State was,

approximately, \$129,000,000 in 1912 or about nine per cent, it will be seen that the Metropolitan district contributed its proportional share of gain. The city of *Lynn*, coming within this area, and being a principal center for the manufacture of boots and shoes, — together with manufactures of similar product to no inconsiderable amount in Boston, Chelsea, Weymouth, and Braintree, — makes Boots and shoes easily the most important single industry in this district, the total value of such output in 1912 being \$66,735,058. This does not include the auxiliary industries, Boot and shoe cut stock and findings, of which there was an additional product value of \$30,691,053. The total value, therefore, of Boots and shoes, including cut stock and findings, amounted to \$97,426,111, an increase over the total for 1911, \$88,895,063, of nearly 10 per cent. Other important industries showing appreciable increase over 1911 in the Metropolitan district are: *Confectionery, Clothing, Electrical machinery, apparatus, and supplies, Slaughtering and meat packing, Leather, tanned, curried, and finished, and Foundry and machine-shop products.*

All of the cities in the district, with the exception of Chelsea and Quincy, show increase as compared with the preceding year in value of goods produced. The average number of wage-earners employed in the district as a whole increased from 163,488 to 171,272; the total amount paid in wages rose from \$95,871,777 to upwards of \$102,000,000; and the average yearly earnings for 1912 were \$600.33 as against \$586.41 in 1911.

The principal facts for the Metropolitan district for the years 1910, 1911, and 1912 are brought together in the following table:

	1912	1911	1910
<i>Number of Establishments,</i>	3,507	3,375	3,238
<i>Total Amount of Capital Invested,</i>	\$354,153,062	\$338,389,774	\$328,720,444
<i>Total Value of Manufactured Product,</i>	\$545,310,724	\$502,527,771	\$488,497,178
<i>Total Value of Stock Used,</i>	\$320,468,150	\$294,046,863	\$292,069,565
<i>Total Amount of Wages Paid in Manufacturing Establishments.</i>	\$102,820,146	\$95,871,777	\$92,458,169
<i>Average Number of Wage-Earners,</i>	171,272	163,488	160,797

THE TOWNS.

The total value of goods produced in the towns, somewhat more than one-fourth of the total product of the State, was \$433,267,819 in 1912 as against \$405,828,455 in 1911, an increase of 6.8 per cent. The town of *Peabody*, first in the State in the manufacture of leather, increased its product value from \$16,171,089 in 1911 to \$19,465,879 in 1912. The towns of *Attleborough* and *North Attleborough*, engaged principally in the manufacture of jewelry, had a combined product of \$23,135,789, a slight increase being shown for Attleborough, while North Attleborough showed a slight decline. In *Watertown*, the value of goods produced was \$14,418,766 in 1912, and \$14,865,362 in 1911. *Framingham* increased her product value from \$7,125,129 in 1911 to \$8,518,687 in 1912. Substantial increases are also shown for the towns of *Leominster* and *Walpole*, and for the boot and shoe towns of *Weymouth*, *Rockland*, *Bridgewater*, *Braintree*, and *Hudson*, as well as for the textile towns *Plymouth* and *Methuen*.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

The table on pages 48-51 relates to the character of ownership, or the organization of the different manufacturing enterprises. They are classified under three principal forms, — individual, firm, and corporation, with occasional voluntary and co-operative associations. From the totals for All Industries, the importance of the corporate form of industrial organization is at once apparent. Of the total product in 1912, \$1,596,734,445, \$1,289,282,498, or, approximately, 81 per cent was turned out by corporations; a little over 10 per cent by private firms; eight per cent by individuals; and less than one per cent by other forms of ownership. Some of the leading industries show somewhat different percentages. *Boots and shoes*, exclusive of cut stock and findings, had 72 per cent of its goods produced in establishments operated by corporations and a similar percentage of its wage-earners were employed in such establishments; the product turned out by private firms amounted to 19 per cent, while somewhat over nine per cent of the product and of the wage-earners, respectively, were represented by individual own-

ership. In *Men's clothing*, we have the following percentages for value of goods produced: Corporations, 63 per cent; firms, 21 per cent; and individuals, 16 per cent; while the percentages for *Women's clothing* were: 35 per cent under corporate management, 37 per cent in the hands of private firms, and 28 per cent for individuals, with similar percentages for the average number of wage-earners employed, — 37, 36, and 27, respectively.

The percentages for *Cotton goods*, including cotton small wares, and for *Electrical machinery, apparatus, and supplies*, are very similar, less than three per cent being produced under individual or firm ownership, and upwards of 97 per cent being produced in establishments operated by corporations.

In *Woolen, worsted, and felt goods, and wool hats*, the percentage of the product turned out by corporations was, approximately, 88; eight per cent by private firms, and four per cent by individuals; and in *Foundry and machine-shop products*, we have the proportion of goods made by corporations, 89 per cent; firms, four per cent; and individuals, seven per cent.

The last column of the table on pages 48–51 gives the value added by manufacture. This is obtained by deducting the cost of materials used from the gross product, the remainder representing the value created by the manufacturing processes within the several industries. In other words, it represents the net increase in wealth and brings out significant facts as to the relative importance of the industries. To take extreme examples, the gross value of product in the industry Foundry and machine shops in 1912 was \$89,270,280, and the cost of materials, \$33,222,139; subtracting these figures, we have a value added by manufacture of \$56,048,141, or approximately 63 per cent of the gross value. On the other hand, in the slaughtering and meat packing industries, the gross value of product was \$50,637,311; the value of materials, \$44,644,921; subtracting these figures, we have a value added by manufacture of only \$5,992,390, or a net increase of about 12 per cent. Since the cost of materials and the added value are the complements of each other, it follows that wherever the cost of stock is relatively the more important item, added value correspondingly diminishes.

NUMBER OF WAGE-EARNERS AND EMPLOYMENT BY MONTHS.

The average number of wage-earners employed each month, by industries, is shown in the table on pages 52-79. For All Industries, the range from lowest to highest average per month was from 590,366 to 632,739. For the first four months of 1912, there was more or less irregularity, and the maximum for the first half-year was reached in June. There was an appreciable drop for the months of July and August, during the dull season and summer vacations, and then the averages rise again, month by month, from 613,188 in September, to 632,739, the highest level for the year, in the month of December.

The individual industries are perhaps more significant than the totals for All Industries. In *Boots and shoes*, exclusive of cut stock and findings, the first quarter of the year, January to March, inclusive, was apparently the period of greatest employment, the averages for these months being somewhat higher than for the three months at the end of the year, October, November, and December, and there being no material variation during the months from April to September. The number of males and females in this industry was practically as two to one, — 65 per cent of the operatives being men and 35 per cent women. The average number of employees for the year, as shown in the first column of the table, was 81,962.

In *Cotton goods*, the period of greatest employment was the last four months of the year, the maximum being reached in the month of December, when 115,932 wage-earners were employed. The minimum for the year, an average of 105,064, occurs in the month of August. In this industry, 54 per cent of the employees were males and 46 per cent females.

In *Leather, tanned, curried, and finished*, the minimum is shown for the month of May, an average of 11,017 wage-earners being employed; from that time to the end of the year, employment increased month by month, with the single exception of the month of September, when the average number employed was slightly less than in the month preceding. In the entire industry for the year, however, the greatest fluctuation from the maximum was about eight and one-half per cent.

In *Paper and wood pulp*, no great variation appears from month to month, but the increase in the number of wage-earners from June to December as compared with the first five months of the year may be noted. The fluctuation in this industry was not over five per cent from the maximum in any one month.

The greatest fluctuation in employment among the principal industries is shown for *Woolen and worsted goods*. This was due in large measure to the strike in the textile industry in Lawrence, during the months of January, February, and March, 1912. The average number of wage-earners as reported for the 167 establishments in this industry was 53,697 for the year. There was a sharp drop to 41,758 in February and then apparent recovery during the month of March, when 48,670 were employed. From that time there was a rapid increase in number of wage-earners employed, 55,554 in April, which number was sustained or exceeded in each of the following months, until the end of the year. The maximum was reached in the month of November, 57,768, and the variation between the maximum and minimum averages was from 41,758 in February to 57,768 in November, a range of 16,010, or 38 per cent.

Data of special interest are given in Table IV, on pages 80-83. The figures therein are not averages but represent the actual number of wage-earners in manufacturing industries on the 14th day of December, 1912. They are further differentiated so as to show the number of males and females over and under 18 years of age. In both years, December was the month of maximum employment, 599,982 in 1911 and 632,739 in 1912, but the number of wage-earners on December 14, 1912, exceeded that of the corresponding date in 1911 by 38,487, or six per cent. There were, respectively, seven and five per cent more adult males and females, and seven and nine per cent, respectively, more males and females under 18 years of age. In *Boots and shoes*, exclusive of cut stock and findings, on December 14th, there were 85,308 wage-earners employed, of whom 6,460, or approximately eight per cent, were under 18 years of age, about equally divided between males and females. In *Cotton goods*, including cotton small wares, on December 14,

1912, there were 118,798 wage-earners, — higher than the average for that industry, shown in Table I to be 112,384, and higher than the number for the corresponding day in 1911 (112,297) by 6,501 persons, or, approximately, six per cent. Of the total number of wage-earners in this industry upwards of 12 per cent, 14,834, were young persons under 18 years of age, 6,594, or 44 per cent, of whom were males and 8,240, or 56 per cent, females, while of the adults, 55 per cent were males and 45 per cent females. *Woolen and worsted goods*, on December 14, 1912, employed 56,400 wage-earners, an increase over the corresponding day in 1911 of 5,004, or nearly ten per cent. As in *Cotton goods*, about 12 per cent of the total were young persons under 18 years of age. These two industries together had more than one-fourth (27.4 per cent) of all the wage-earners engaged in manufacturing industries in the State on December 14, 1912. The industry *Foundry and machine-shop products* presents very different proportions, the representation of young persons being only 1,614 out of a total of 40,362, or about four per cent. *Paper and wood pulp* had even fewer, 481 out of a total of 14,409, or a little over three per cent young persons, and *Leather, tanned, curried, and finished*, 188 out of a total of 12,093, or less than two per cent young persons. Industries showing a large proportion of young persons are: *Confectionery, Electrical machinery, apparatus, and supplies, Hosiery and knit goods*, and *Silk and silk goods, including throwsters*.

CLASSIFIED WEEKLY WAGES AND AVERAGE YEARLY EARNINGS.

The table on pages 84–122 shows the weekly rates of wages paid to 681,383 wage-earners, the data being given for *the week of greatest employment*. The figures for All Industries and for the five principal industries, with percentages, are brought together in the following table:

All Industries.

SEX AND AGE.		Aggre- gates	Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
TOTALS,	.	681,383	2,366	5,792	16,909	34,070	52,604	63,879	68,787	75,006	103,160	107,677	104,585	32,536	14,112
Per cent,	.	100	0.3	0.9	2.5	5.0	7.7	9.4	10.1	11.0	15.1	15.8	15.3	4.8	2.1
Males (18 years and over),	.	436,576	532	657	1,836	5,096	12,093	23,618	34,650	47,529	73,799	92,641	98,839	31,416	13,870
Per cent,	.	100	0.1	0.2	0.4	1.2	2.8	5.4	7.9	10.9	16.9	21.2	22.6	7.2	3.2
Females (18 years and over),	.	186,067	883	2,061	5,563	14,152	26,419	31,912	29,877	25,292	28,245	14,670	5,636	1,115	242
Per cent,	.	100	0.5	1.1	3.0	7.6	14.2	17.1	16.1	13.6	15.2	7.9	3.0	0.6	0.1
Young persons (under 18 years of age),	.	58,740	851	3,074	9,510	14,822	14,092	8,349	4,260	2,185	1,116	366	110	5	-
Per cent,	.	100	1.5	5.2	16.2	25.2	24.0	14.2	7.3	3.7	1.9	0.6	0.2	1-	-

Boots and Shoes (Exclusive of Out Stock and Findings).

TOTALS,	.	93,452	560	783	1,800	3,219	5,109	5,781	6,163	8,310	13,202	16,797	19,554	7,921	4,303
Per cent,	.	100	0.6	0.8	1.9	3.4	5.5	6.2	6.6	8.9	14.1	18.0	20.9	8.5	4.6
Males (18 years and over),	.	55,715	160	122	288	641	1,158	1,791	2,278	3,476	6,765	11,130	16,362	7,322	4,222
Per cent,	.	100	0.3	0.2	0.6	1.2	2.1	3.2	4.1	6.2	12.1	20.0	29.4	13.1	7.6
Females (18 years and over),	.	30,366	172	245	576	1,016	2,187	2,855	3,329	4,409	6,216	5,545	3,140	595	81
Per cent,	.	100	0.6	0.8	1.9	3.3	7.2	9.4	11.0	14.5	20.5	18.3	10.3	1.9	0.3
Young persons (under 18 years of age),	.	7,371	228	366	936	1,562	1,764	1,135	556	425	221	122	52	4	-
Per cent,	.	100	3.1	6.0	12.7	21.2	23.9	15.4	7.6	5.8	3.0	1.6	0.7	0.1	-

1 Less than one-tenth of one per cent.

Paper and Wood Pulp.

TOTALS,	15,003	30	32	94	352	2,000	932	1,235	2,365	3,373	2,265	1,692	481	152
Per cent,	100	0.2	0.2	0.6	2.4	13.3	6.2	8.2	15.3	22.5	15.1	11.3	3.2	1.0
Males (18 years and over),	9,961	11	3	6	13	23	51	130	1,971	3,216	2,223	1,681	481	152
Per cent,	100	0.1	0.1	0.1	0.1	0.2	0.5	1.3	19.8	32.3	22.3	16.9	4.8	1.5
Females (18 years and over),	4,582	14	19	64	271	1,794	815	1,058	352	145	39	11	-	-
Per cent,	100	0.3	0.4	1.4	5.9	39.3	17.8	23.1	7.7	3.9	0.8	0.3	-	-
Young persons (under 18 years of age),	460	5	10	24	68	183	66	47	42	12	3	-	-	-
Per cent,	100	1.1	2.2	5.2	14.8	39.8	14.3	10.2	9.1	2.6	0.7	-	-	-

Woolen, Worsted, and Felt Goods, and Wool Hats.

TOTALS,	61,470	118	200	610	2,495	6,531	9,397	9,647	6,904	9,308	9,516	5,522	799	354
Per cent,	100	0.2	0.3	1.0	4.1	10.6	15.3	15.7	11.3	15.1	15.5	9.0	1.3	0.6
Males (18 years and over),	33,889	78	27	51	221	1,144	3,021	5,678	4,536	5,731	7,376	4,924	748	354
Per cent,	100	0.2	0.1	0.1	0.7	3.4	8.9	16.8	13.4	16.9	21.8	14.5	2.2	1.0
Females (18 years and over),	20,705	22	49	135	745	2,967	5,002	3,392	2,223	3,434	2,098	587	51	-
Per cent,	100	0.1	0.2	0.7	3.6	14.3	24.2	16.4	10.7	16.6	10.1	9.8	0.3	-
Young persons (under 18 years of age),	6,876	18	133	424	1,529	2,420	1,374	577	205	143	42	11	-	-
Per cent,	100	0.3	1.9	6.2	22.2	35.2	20.0	8.4	3.0	2.1	0.6	0.1	-	-

¹ Less than one-tenth of one per cent.

The figures for All Industries include 436,576, or 64 per cent adult males, 186,067, or 27 per cent adult females, and 58,740, or about nine per cent young persons of either sex, under 18 years of age. Confining our attention to the column of totals, it will be noted that the median, or middle point in the series, falls at the 340,691st wage-earner. The classes between "Under \$3," etc., up to \$10 per week aggregate 319,313 wage-earners. The wage-earner holding the middle position, therefore, is some 20,000 farther on, or, in the wage class "\$10 but under \$12." This corresponds, not too roughly, with the figure for average yearly earnings for All Industries, as given in Table I, which shows that for all employees, regardless of sex, age, or skill, the average earnings for the year were \$551.36, or \$10.60 per week. These two conclusions are arrived at by quite different processes, one being a simple observation from the rates paid during the week of greatest employment, and the other calculated from the average number of wage-earners and the total of the pay-rolls for the year as reported by the manufacturers.

The figures in italics give the percentages in each wage class, the totals for males, females, and young persons, respectively, representing 100 per cent. These classes may be conveniently divided into three groups, — high, medium, and low, the low wage group including all those receiving less than \$8, the medium wage group, those receiving \$8 but under \$15, and the high wage group, those receiving \$15 and over.

Of the *adult male* wage-earners, 43,832, or about 10 per cent, received less than \$8 per week; 248,619, or somewhat more than one-half (57 per cent) were paid rates varying from \$8 to \$15, and the remainder, 144,125, or 33 per cent, were paid at rates of \$15 per week and upwards. Of the *adult female* wage-earners in All Industries, 80,990, or about 43 per cent were paid less than \$8 per week; 98,084, or over one-half (53 per cent), were paid \$8 but under \$15, and 6,993, or approximately four per cent, were paid \$15 and over. Of the *young persons* of both sexes under 18 years of age, by far the larger proportion will be found in the low wage group, 50,698, or about 86 per cent receiving less than \$8 per week, the rates most frequently recurring being \$5 but under \$6, and \$6 but under \$7.

In *Boots and shoes*, exclusive of cut stock and findings, we find that 4,160 *adult males*, or approximately eight per cent, were in the low wage group; 23,649, or upwards of 42 per cent, were paid at rates ranging from \$8 to \$15; and 27,906, or about 50 per cent, were in the high wage group, \$15 to \$25 and over. Of the *adult female* wage-earners in this industry, 7,051, or more than 23 per cent, were paid less than \$8 per week; nearly two-thirds, 19,499 persons, or 64 per cent, were found in the medium wage group, and in the high wage group there were 3,816 wage-earners, or 13 per cent. For young persons under 18 years of age, the wages most constantly recurring are in the classes \$6 but under \$7 and \$5 but under \$6.

In *Cotton goods*, including cotton small wares, we find 16,512 adult males, or about 28 per cent of the total, in the low wage group. In the medium wage group, there were 36,028, or more than 61 per cent of the adult males, and in the high wage classes, 6,213, or about 11 per cent of the adult males. Of the adult females, 20,509, or about 43 per cent, were in the low wage group; 26,748, or 56 per cent, were in the medium wage classes, and less than one per cent in the high wage group. Of the young persons, about 84 per cent were in the low wage group, the classes containing the greatest numbers being \$6 but under \$7, \$5 but under \$6, and \$7 but under \$8, respectively.

In *Leather, tanned, curried, and finished*, 882 adult males, or seven per cent, received less than \$8 per week. The greater part of the operatives are found in the medium wage classes \$8 to \$15, the total in these classes being 8,877, or about 71 per cent of the adult males in this industry. In the high wage classes, 2,795 wage workers, or upwards of 22 per cent, are shown. In this industry, females and young persons are not represented to any considerable extent.

In *Paper and wood pulp*, only a small percentage of the adult males received less than \$8 per week, — 107 operatives, or slightly over one per cent; in the medium wage group 76 per cent, or more than three-fourths of the adult male wage-earners, appear, the remaining 2,314 (23 per cent) being paid at rates of \$15 per week and over. For adult females in this industry the wage rates most frequently recurring are \$6 but under \$7

and \$8 but under \$9, and the number of young persons formed only about three per cent of the total.

In *Woolen, worsted, and felt goods, and wool hats*, somewhat more than 13 per cent of the adult male wage-earners (4,542) received less than \$8 per week; 23,321, or upwards of two-thirds (69 per cent), were in the medium wage classes, while the high wage group had 6,026, or about 18 per cent of the operatives. In this industry, 8,920 adult females, or 43 per cent, were in wage classes receiving less than \$8 per week; 11,147, or about 54 per cent, were in the medium wage group, and 638, or somewhat over three per cent, in the high wage group. This industry employs a comparatively large proportion of young persons, a total of 6,876. Of these, the largest number appearing in any single group, 2,420, is found in the class \$6 but under \$7, although the wage classes \$5 but under \$6 and \$7 but under \$8 have 1,529 and 1,374, respectively. There were 967 in the medium wage group, and the number of young persons in the high wage group is negligible.

The *average yearly earnings* for all wage-earners without regard to sex, age, or skill, as obtained from a division of the total amount paid in wages, \$335,553,704, and the average number of wage-earners, 608,590, was \$551.36, or, as has been stated, about \$10.60 per week. Many of the industries, however, show higher average earnings than are shown for the State as a whole. Among those of importance, inasmuch as they involve large numbers of wage-earners, are: *Boots and shoes*, exclusive of cut stock and findings, \$605.11; *Foundry and machine-shop products*, \$665.49; *Leather, tanned, curried, and finished*, \$582.60; *Paper and wood pulp*, \$552.78; and *Electrical machinery, apparatus, and supplies*, \$622.43. Of the textile industries, *Cotton goods* shows average yearly earnings of \$435.65, and *Woolen and worsted goods*, \$489.78. Other industries having a relatively large number of wage-earners and high average earnings are: *Liquors, Malt*, \$936.74; *Automobiles, including bodies and parts*, \$773.26; *Musical instruments, pianos and organs, and materials*, \$643.43; *Monuments and tombstones*, \$790.17; *Printing and publishing*, \$674.25; *Silverware and plated ware*, \$707.29; *Stoves and furnaces, not including gas and oil stoves*, \$812.52; *Tobacco manufactures*, \$754.54, and *Wire*, \$706.49. The

average yearly earnings range from \$363.03, in *Confectionery*, to \$936.74, in *Liquors, Malt*.

Nearly all of the cities show higher average yearly earnings than are shown for the State as a whole. *Brockton*, whose chief industry is the manufacture of boots and shoes, shows an average of \$639; *Lynn*, \$632; *Haverhill*, \$612; *Boston*, with a wide range of miscellaneous manufactures, shows average yearly earnings of \$603; *Worcester*, \$604; *Quincy*, \$677; *Springfield*, \$632; and *Pittsfield*, \$645. Of the textile cities, *Fall River* shows average yearly earnings of \$427; *Lowell*, \$445; *New Bedford*, \$484; and *Lawrence*, \$475. The high average earnings are, of course, to be found in industries employing males principally, and the lower average earnings in industries which employ a large proportion of women and young persons.

DAYS IN OPERATION.

The average number of days in operation is shown in the table on pages 123-126. The total number of working days, exclusive of Sundays and holidays, was 304 in 1911 and 306 in 1912. For All Industries, the establishments were run during 1912 for an average of 291.8 days as against 282.5 in 1911. Employment was, therefore, appreciably better in 1912, since there was little over two weeks' lost time as against nearly four weeks in the preceding twelve months. In the principal industries, we find average running time as follows: *Boots and shoes*, exclusive of cut stock and findings, 282 days; *Cotton goods*, 285; *Foundry and machine-shop products*, 305; *Leather, tanned, curried, and finished*, 291; *Paper and wood pulp*, 275; and *Woolen and worsted goods*, 287 days. The range for the industries shown in the table was from 171 days in *Brick and tile* to 309 days in *Cars and general shop construction and repairs by steam-railroad companies*.

Among the principal cities of the State we have the following: The establishments in *Boston* exhibit running time of 292 days; *Cambridge*, 295; *Worcester*, 297; *Fall River*, 296; *Lowell*, 295; *Lawrence* and *New Bedford*, 294, respectively; *Brockton*, 290; *Haverhill*, 295, and *Lynn*, 289.

CONCLUSION.

All things considered, the conclusion seems to be warranted by the data of this report that the period covered by it, namely, approximately the calendar year 1912, was generally a good business year. The recovery from the conditions following the financial disturbances of the latter part of 1907 have been gradual and somewhat uncertain up to this time, but the great and very marked increase in the product value of manufactures for 1912 over the preceding year would seem to indicate that the trend had again taken a definite upward direction. To what extent this movement may suffer a temporary check, especially in the textile industries, by virtue of a shortage in the cotton crop, the necessity of readjusting wages to meet the requirements of minimum wage systems, and other conditions necessitated by legislative enactments cannot, of course, be precisely foretold; but one cannot avoid the conviction, in the presence of these figures, that the great industries which have given Massachusetts a foremost place in the economic history of the nation still rest upon a fundamentally sound basis and that, with public opinion in other states constantly pressing for a standardizing of industrial legislation which must eventually measure up to our own requirements, she will not fail to maintain her position as one of the great wealth producing commonwealths of the nation.

CHARLES F. GETTEMY,

Director, Bureau of Statistics.

STATE HOUSE, BOSTON, December 1, 1913.

TABULAR PRESENTATIONS.
1912.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
THE STATE.	8,271	\$1,308,013,171	\$929,304,383	\$335,553,704	\$551.36	415,983	192,608	608,590	503,465	691,077	\$1,596,734,445
Agricultural implements,	5	1,052,086	460,762	264,714	611.35	433	-	433	353	531	942,730
Artificial stone,	29	484,018	136,009	190,753	745.13	256	-	256	168	334	467,541
Automobiles, including bodies and parts, .	57	8,890,899	4,130,059	2,825,495	773.26	3,615	39	3,654	2,674	4,989	9,649,259
Awnings, tents, and sails,	40	395,743	514,498	243,561	635.93	262	121	383	273	549	1,025,668
Baskets, and rattan and willow ware, .	14	239,346	128,224	101,628	510.69	193	6	199	187	217	333,281
Belting and hose, leather,	15	4,749,894	4,412,384	697,468	600.23	1,116	46	1,162	1,094	1,267	6,525,948
Belting and hose, woven,	7	764,651	581,572	98,568	541.58	99	83	182	161	218	867,803
Bicycles, motorcycles, and parts, . . .	5	3,521,934	2,820,968	1,195,445	773.25	1,542	4	1,546	1,185	1,795	5,785,076
Billiard tables and materials,	5	110,408	69,111	22,091	818.19	27	-	27	25	33	126,968
Blacking,	50	1,328,031	1,794,965	264,921	511.43	227	291	518	401	595	3,490,267
Bookbinding and blank-book making, .	48	2,521,328	1,385,874	1,263,369	543.85	1,211	1,112	2,323	2,106	2,594	3,712,011
Boot and shoe cut stock and findings, .	366	18,827,261	41,347,678	4,301,517	496.94	6,116	2,540	8,656	6,590	10,371	52,149,427
Boots and shoes,	460	87,148,975	125,659,585	49,596,284	605.11	53,336	28,626	81,962	65,228	95,067	209,489,037
Boots and shoes, rubber,	8	18,479,654	13,086,342	4,575,510	531.67	5,150	3,456	8,606	6,864	9,347	25,820,668
Boxes, cigar,	4	200,582	146,232	82,509	500.05	81	84	165	158	172	289,994
Boxes, fancy and paper,	95	3,721,210	3,087,662	1,844,745	440.69	1,419	2,767	4,186	3,577	4,828	6,710,376
Boxes, wooden packing,	103	6,267,096	5,615,690	1,955,946	525.51	3,376	346	3,722	3,309	4,156	9,202,327

Brass and bronze products,	69	5,570,922	5,282,504	1,454,098	663.64	2,152	40	2,192	1,918	2,462	8,281,192
Bread and other bakery products,	823	8,647,249	15,754,387	4,000,297	582.45	5,448	1,420	6,868	6,313	7,389	28,470,592
Brick and tile,	42	1,612,214	275,384	489,472	536.11	913	-	913	245	1,713	1,099,531
Brooms,	21	188,812	263,956	58,613	500.97	109	8	117	99	128	398,421
Brushes,	28	2,390,915	1,674,228	681,197	423.89	651	956	1,607	1,419	1,803	3,025,795
Butter,	18	114,156	736,167	25,466	592.23	43	-	43	41	45	808,834
Buttons,	8	1,070,507	439,646	317,052	458.17	328	364	692	544	865	1,072,632
Canning and preserving,	55	4,060,137	5,193,040	744,966	460.71	1,192	425	1,617	1,302	2,124	7,135,828
Card cutting and designing,	4	110,373	36,078	24,403	460.43	27	26	53	38	73	95,905
Carpets and rugs, other than rag,	10	14,172,521	8,727,401	2,913,949	499.05	3,235	2,604	5,839	5,423	6,153	13,635,517
Carpets, rag,	17	47,938	12,323	41,594	467.35	77	12	89	67	105	120,461
Carriages and sleds, children's,	5	1,240,241	1,015,011	442,373	546.81	685	124	809	504	1,015	1,936,673
Carriages and wagons and materials,	85	2,092,909	930,018	768,070	700.79	1,091	5	1,096	921	1,279	2,289,485
Cars and general shop construction and re- pairs by steam-railroad companies,	21	5,887,189	4,477,461	4,189,775	752.34	5,546	23	5,569	5,227	6,024	8,667,236
Chemicals,	19	6,503,713	3,589,442	861,376	655.04	1,228	87	1,315	1,148	1,462	7,092,248
Cleansing and polishing preparations,	15	193,576	241,010	34,801	497.16	43	27	70	54	80	479,298
Clocks,	7	686,416	137,945	203,759	730.32	243	36	279	252	300	466,000
Cloth sponging and refinishing,	3	26,300	3,600	29,250	680.23	43	-	43	41	48	61,200
Clothing, men's,	193	8,784,323	10,121,480	3,246,573	552.80	2,813	3,060	5,873	5,094	6,662	18,627,311
Clothing, women's,	173	4,590,960	6,646,478	2,723,954	480.08	1,382	4,292	5,674	4,259	6,899	12,543,548
Coffee and spice, roasting and grinding,	16	2,735,778	6,120,307	230,698	599.22	239	146	385	359	420	7,204,160
Coffins, burial cases, and undertakers' goods,	12	1,084,178	423,729	222,645	600.12	326	45	371	345	399	992,646
Combs and hairpins,	37	1,887,400	1,845,251	1,046,694	488.20	1,575	569	2,144	1,536	2,802	3,464,492

Emery and other abrasive wheels,	11	2,725,652	1,016,835	668,821	739.03	884	21	905	775	1,094	2,856,746
Enameling and japanning,	12	174,172	153,576	57,192	457.54	80	45	125	102	151	298,057
Engraving and diesinking,	21	181,646	69,153	131,462	726.31	143	38	181	155	212	342,057
Envelopes,	12	5,126,271	3,270,037	938,166	451.91	692	1,384	2,076	1,919	2,244	5,621,133
Fancy articles, not elsewhere specified,	17	348,484	244,218	121,213	429.83	90	192	282	176	414	572,886
Felt goods,	12	3,294,537	2,041,694	399,955	529.04	639	117	756	628	854	3,137,060
Firearms,	6	3,811,611	1,016,810	1,707,398	679.97	2,474	37	2,511	2,368	2,673	3,629,964
Flavoring extracts,	12	392,618	484,903	48,230	524.24	40	52	92	79	111	758,148
Flour-mill and gristmill products,	71	1,909,347	3,802,981	88,411	631.51	138	2	140	137	142	4,143,409
Food preparations,	30	1,138,452	1,106,521	171,114	543.22	236	79	315	242	517	2,308,349
Foundry and machine-shop products,	614	89,405,950	25,517,219	24,985,120	665.49	36,919	625	37,544	32,675	42,930	71,824,917
Fur goods,	12	539,198	384,754	174,423	818.89	109	104	213	130	267	752,860
Furnishing goods, men's,	15	536,967	491,706	168,818	420.99	69	332	401	282	502	952,743
Furniture,	112	18,702,914	6,025,767	4,333,292	571.00	6,934	655	7,589	6,692	8,625	13,913,975
Galvanizing,	3	16,782	17,638	9,464	676.00	14	-	14	7	18	34,714
Gas and electric fixtures,	10	138,590	127,270	91,500	703.85	129	1	130	111	151	316,363
Glass, cutting, staining, and ornamenting,	23	184,703	102,559	162,372	688.02	224	12	236	201	281	395,538
Glue,	10	2,797,758	1,112,722	260,421	462.56	448	115	563	449	629	1,967,173
Gold and silver, leaf and foil,	10	99,513	132,883	74,510	556.04	73	61	134	115	144	228,081
Gold and silver, reducing and refining, not from the ore,	7	1,070,521	1,553,061	79,438	749.42	87	19	106	100	112	1,942,659
Grease and tallow,	35	2,062,102	1,887,356	424,868	638.90	651	14	665	620	718	2,940,966
Hand-knit goods,	6	16,772	6,469	3,793	474.13	6	2	8	6	9	20,962
Hand stamps and stencils and brands,	24	118,262	52,886	66,449	609.62	91	18	109	101	124	235,690

1 Includes stamped and enameled ware and tinware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
	Average Number			Smallest Number	Greatest Number	
	Males	Females	Both Sexes			
\$383.77	1,623	100	1,723	1,502	2,012	\$3,040,081
\$31.70	207	85	292	258	326	785,038
\$10.15	917	554	1,471	787	2,029	2,645,828
\$30.88	1,192	1,808	3,000	1,125	4,800	8,092,117
\$75.78	465	171	636	398	804	1,092,708
\$32.57	3,047	7,087	10,124	8,876	10,066	16,067,894
\$86.89	457	178	635	463	819	1,722,297
\$20.12	512	83	595	436	686	1,319,441
\$37.56	2,948	133	3,081	2,827	3,403	14,040,410
\$20.24	806	416	1,311	1,223	1,393	2,736,800
\$34.26	556	-	556	460	647	1,940,588
\$58.83	873	269	1,142	1,079	1,306	2,832,128

Ivory, shell, and bone work, not including combs and hairpins,	4	278,068	189,163	50,206	534.10	81	13	94	67	133	295,896
Jewelry,	155	15,500,697	6,847,231	4,768,251	624.93	5,080	2,560	7,630	6,507	8,936	16,528,140
Jewelry and instrument cases,	12	229,329	149,439	122,836	446.68	87	188	276	222	346	353,776
Kaolin and ground earths,	6	608,084	226,642	42,097	647.65	65	-	65	53	75	405,884
Labels and tags,	4	36,745	22,723	12,050	547.73	17	5	22	20	24	74,226
Lamps and reflectors,	5	547,848	352,047	257,992	635.45	382	24	406	362	455	991,646
Lasts,	29	1,679,995	757,128	738,712	835.65	883	1	884	747	1,051	2,442,128
Leather goods, not elsewhere specified,	40	785,722	687,451	265,208	445.73	278	317	595	449	771	1,321,912
Leather, tanned, curried, and finished,	126	40,783,045	37,353,493	6,625,375	582.60	11,161	211	11,372	9,579	13,263	51,987,780
Lime,	9	826,965	575,042	233,880	582.92	487	-	487	398	551	1,021,929
Linen goods,	8	3,753,638	2,579,591	806,996	431.32	800	1,071	1,871	1,795	1,953	4,048,781
Liquors, distilled,	6	991,935	837,527	56,003	800.04	70	-	70	62	76	3,438,304
Liquors, malt,	33	21,014,877	5,926,710	1,765,746	936.74	1,872	13	1,885	1,757	2,035	15,031,761
Looking-glass and picture frames,	20	295,452	214,204	144,249	629.91	212	17	229	196	260	566,720
Lumber and timber products,	25	1,230,707	1,766,098	362,437	599.07	594	11	605	440	774	2,729,672
Lumber, planing-mill products,	165	6,041,264	5,817,629	2,445,814	736.03	3,316	7	3,323	2,797	3,923	10,528,081
Marble and stone work,	106	6,592,110	1,228,429	2,365,175	711.12	3,326	-	3,326	2,057	4,436	4,811,953
Mattresses and spring beds,	38	1,108,895	1,432,040	393,498	548.06	564	154	718	617	821	2,404,746
Millinery and lace goods,	69	1,655,935	2,244,180	760,951	445.78	311	1,396	1,707	1,135	2,355	4,054,833
Mineral and soda waters,	78	1,599,262	1,167,774	277,513	651.44	423	3	426	286	660	2,491,858
Models and patterns, not including paper patterns,	57	325,488	142,556	317,556	767.04	397	17	414	304	539	757,803
Monuments and tombstones,	149	1,834,151	747,549	1,029,594	790.17	1,303	-	1,303	967	1,664	2,788,542
Mucilage and paste,	16	854,333	1,209,311	65,979	646.85	80	22	102	94	117	1,727,832

Regalia and society badges and emblems, .	5	66,175	59,598	14,421	480.70	6	24	30	26	35	102,972
Rubber goods, not elsewhere specified, .	34	14,100,243	14,850,282	2,720,374	561.02	4,048	801	4,849	4,045	5,642	23,510,260
Saddlery and harness,	29	653,311	654,289	186,037	637.11	276	16	292	259	349	1,100,957
Sausage, not made in slaughtering and meat-packing establishments,	47	930,318	2,897,633	244,456	622.03	388	5	393	365	439	3,812,151
Scales and balances,	4	79,542	17,245	21,225	684.68	31	-	31	28	35	70,835
Screws, machine,	14	1,905,905	846,297	686,839	626.11	1,014	83	1,097	914	1,271	2,124,422
Shipbuilding, wooden, including boat building,	52	973,736	666,455	545,001	783.05	696	-	696	432	996	1,524,734
Shirts,	14	1,077,528	1,257,027	728,472	389.14	359	1,513	1,872	1,478	2,037	3,241,109
Shoddy,	26	1,600,895	1,394,768	279,608	507.46	489	62	551	449	677	2,096,956
Show cases,	11	90,404	103,591	74,153	872.39	85	-	85	68	114	257,940
Signs and advertising novelties, . . .	12	232,829	191,163	125,215	648.78	136	57	193	156	217	433,330
Silk and silk goods, including throwsters, .	17	8,901,283	6,094,721	2,021,204	454.20	1,353	3,097	4,450	4,235	4,811	10,062,097
Silverware and plated ware,	21	7,781,872	3,054,456	1,836,117	707.29	2,195	401	2,596	2,344	2,927	7,262,848
Slaughtering and meat packing, . . .	38	14,846,906	41,747,288	1,697,669	558.63	3,017	22	3,039	2,779	3,446	46,825,160
Soap,	37	2,343,817	2,837,728	268,968	533.67	371	133	504	444	566	4,798,355
Sporting and athletic goods,	16	1,665,683	1,336,062	572,277	532.85	778	296	1,074	849	1,227	2,631,803
Stationery goods, not elsewhere specified, .	19	2,402,062	2,052,017	759,458	498.33	654	870	1,524	1,233	1,692	4,082,224
Statuary and art goods,	10	221,458	39,415	72,113	721.13	100	-	100	79	121	182,930
Steam fittings and heating apparatus, .	28	7,561,178	2,707,552	2,202,867	642.61	3,317	111	3,428	2,901	3,959	6,752,292
Steam packing,	9	275,912	178,719	49,148	638.29	75	2	77	67	87	330,632
Stereotyping and electrotyping, . . .	13	267,222	108,562	223,397	778.39	270	17	287	264	310	516,606

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.
 A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments
The State — Concluded.	
Stoves and furnaces, not including gas and oil stoves,	13
Structural ironwork,	45
Surgical appliances,	10
Suspenders, garters, and elastic woven goods,	32
Tobacco manufactures,	338
Toys and games,	10
Trunks and valises,	19
Type founding and printing materials,	8
Upholstering materials,	5
Vinegar and cider,	11
Waste,	9
Watch and clock materials,	5
Whips,	24
Window shades and fixtures,	10

Wire.	8	9,496,069	5,934,377	2,557,482	706.49	3,517	103	3,620	3,312	4,006	9,695,253
Wirework, including wire rope and cable, .	33	4,745,441	2,547,670	1,124,383	553.07	1,664	369	2,033	1,767	2,282	4,968,278
Wood, turned and carved,	45	1,616,223	644,130	502,907	423.32	1,163	25	1,188	989	1,360	1,606,270
Wooden goods, not elsewhere specified, .	27	415,087	235,696	143,057	569.95	246	5	251	221	299	540,396
Wool scouring,	10	1,463,656	518,357	398,617	555.18	681	37	718	492	858	1,214,606
Woolen and worsted goods,	167	136,579,414	83,504,886	26,399,762	489.78	32,293	21,404	53,697	38,409	60,621	133,420,485
All other industries, ¹	176	91,206,871	63,162,278	14,023,616	592.36	17,978	5,696	23,674	20,654	26,737	90,998,407

¹ Embraces Ammunition, 3; Artificial flowers, 1; Artificial limbs, 4; Axle grease, 1; Babbitt metal and solder, 2; Bags, other than paper, 4; Bags, paper, 2; Baking powders and yeast, 5; Belting and hoses, rubber, 2; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, reworking, 1; Calcium lights, 1; Cars and general shop construction and repairs by street railroad companies, 2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 3; China decorating, 1; Chocolate and cocoa products, 4; Clothing, horse, 2; Coke, 1; Collars and cuffs, 1; Cork cutting, 2; Crucibles, 2; Drug grinding, 1; Engravers' materials, 1; Explosives, 2; Fertilizers, 4; Files, 4; Fire extinguishers, chemical, 1; Fireworks, 3; Foundry supplies, 1; Gas machines and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 2; Hairwork, 2; Hammocks, 2; Hat and cap materials, 1; Horseshoes, not made in steel works or rolling mills, 3; Ice, manufactured, 5; Ink, printing, 1; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 1; Jute and jute goods, 4; Lead, bar, pipe, and sheet, 1; Mats and matting, 1; Mirrors, 4; Needles, pins, and books and eyes, 2; Nets and seines, 2; Oilcloth, enameled, 4; Ordnance and accessories, 1; Paper patterns, 1; Paving materials, 1; Pens, fountain and stylographic, 2; Pens, gold, 2; Phonographs and graphophones, 1; Photographic materials, 2; Pipes, tobacco, 3; Pumps, not including steam pumps, 2; Roofing materials, 3; Sand and emery paper and cloth, 2; Saws, 7; Screws, wood, 1; Sewing machines and attachments, 5; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 4; Soda-water apparatus, 3; Springs, steel, car and carriage, 2; Starch, 4; Stoves, gas and oil, 3; Sugar and molasses, refining, not including beet sugar, 2; Sulphuric, nitric, and mixed acids, 1; Typewriters and supplies, 1; Umbrellas and canes, 2; Wall paper, 2; Wall plaster, 1; Washing machines and clothes wringers, 1; and Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

B. THE 33 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Both Sexes					
						Males	Females				
BEVERLY.	48	\$6,323,219	\$2,339,877	\$3,507,994	\$702.58	4,274	719	4,993	4,335	5,874	\$6,963,033
	5	168,184	127,437	20,786	561.78	31	6	37	26	48	192,391
	14	1,770,136	1,591,130	703,189	502.64	852	547	1,399	1,084	1,714	2,681,156
	5	13,241	57,692	14,082	782.33	18	-	18	15	19	95,226
	18	4,271,658	1,063,618	2,769,937	782.69	3,373	166	3,539	3,210	4,093	3,994,260
BOSTON.	2,061	142,783,441	139,636,328	43,621,813	602.99	43,211	24,132	72,343	60,316	84,634	241,229,318
	12	245,156	130,486	155,782	767.15	200	3	203	148	252	443,557
	19	188,019	306,162	137,077	631.69	132	85	217	151	322	622,119
	4	310,454	651,228	37,664	672.57	49	7	56	54	58	846,750
	3	86,798	53,771	16,451	822.55	20	-	20	19	23	96,178
	12	311,830	318,570	53,557	514.97	47	57	104	90	121	612,016
	23	612,248	344,814	489,597	536.25	425	488	913	816	1,057	1,226,411
	31	4,954,658	14,462,133	756,691	613.20	979	255	1,234	934	1,426	16,478,367
	14	7,020,238	6,469,283	3,319,929	544.97	3,529	2,563	6,092	4,682	6,817	12,000,795
	21	511,783	587,308	404,607	405.01	265	734	999	855	1,142	1,353,257
	4	20,377	69,386	26,145	522.90	49	1	50	48	52	119,821
	24	245,337	367,967	187,141	733.89	253	2	255	224	299	689,930
154	2,893,111	4,912,645	1,201,121	504.25	1,661	721	2,382	2,100	2,591	9,479,401	

Canning and preserving,	20	868,833	1,336,033	182,922	519.66	211	141	352	266	473	1,883,070
Carrriages and wagons and materials, . .	13	377,856	145,199	153,117	718.86	213	-	213	171	259	423,742
Cleanaing and polishing preparations, . .	6	109,400	169,643	20,320	461.82	20	24	44	33	49	314,869
Cloth sponging and refinishing,	3	26,300	3,600	29,250	680.23	43	-	43	41	48	61,200
Clothing, men's,	158	7,331,638	8,410,332	2,672,373	576.44	2,431	2,205	4,636	4,074	5,198	15,801,026
Clothing, women's,	124	2,630,109	4,454,096	1,880,437	534.82	1,085	2,431	3,516	2,551	4,379	8,555,099
Coffes and spice, roasting and grinding, .	14	2,626,836	5,878,471	211,721	601.48	214	138	352	333	375	6,904,750
Confectionery,	53	7,243,710	9,407,524	1,830,976	359.72	1,165	3,925	5,090	4,147	6,550	14,198,815
Copper, tin, and sheet-iron products, . .	61	2,136,021	2,086,433	1,009,432	609.56	1,439	217	1,656	1,460	1,893	4,225,344
Cordials and sirups,	7	286,298	394,817	48,102	517.23	52	41	93	68	122	612,126
Cutlery and tools, not elsewhere specified, .	15	3,183,891	563,117	374,328	439.87	451	400	851	697	1,139	2,109,744
Dentists' materials,	7	86,747	457,097	38,966	638.79	36	25	61	58	67	546,564
Dyestuffs and extracts,	9	311,208	530,083	41,569	639.52	65	-	65	55	79	715,102
Electrical machinery, apparatus, and sup- plies,	21	3,259,756	2,063,865	1,019,404	611.52	1,232	435	1,667	1,253	2,109	4,304,592
Electroplating,	16	64,886	37,313	81,839	794.55	103	-	103	94	115	194,605
Engraving and diesinking,	8	113,456	52,942	63,061	612.24	65	38	103	92	114	202,515
Fancy articles, not elsewhere specified, .	11	207,809	105,109	63,715	433.44	42	105	147	89	240	276,614
Flavoring extracts,	6	229,568	325,033	22,234	505.32	18	26	44	39	53	480,262
Food preparations,	11	561,128	692,243	115,742	609.17	145	45	190	127	284	1,536,253
Foundry and machine-shop products, . .	123	13,123,342	4,227,838	3,954,068	725.25	5,398	54	5,452	4,694	6,346	12,726,449
Fur goods,	11	520,698	340,254	169,275	813.82	106	102	208	127	260	696,610
Furnishing goods, men's,	7	359,192	383,675	97,917	451.23	37	180	217	157	274	707,555
Furniture,	40	962,636	933,629	517,113	670.70	701	70	771	644	958	2,060,611

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Both Sexes						
						Males	Females					
Boston — Continued.												
Galvanizing,	3	\$16,782	\$17,638	\$9,464	\$676.00	14	-	14	7	18	\$34,714	
Gas and electric fixtures,	8	123,988	114,072	83,178	729.63	113	1	114	100	129	275,996	
Glass, cutting, staining, and ornamenting, Hand stamps and stencils and brands,	13	84,674	52,091	92,051	844.50	106	3	109	92	128	227,264	
Hardware,	16	59,748	22,545	43,541	713.79	60	1	61	57	74	140,187	
	12	334,677	129,974	105,997	627.20	131	38	169	142	191	266,348	
Hats and caps, other than felt, straw, and wool,	23	171,729	361,179	182,292	635.16	204	83	287	253	320	771,998	
Hosiery and knit goods,	10	663,462	944,916	347,142	383.58	85	820	905	802	982	1,723,877	
House-furnishing goods, not elsewhere specified,	6	75,161	132,555	29,944	525.33	33	24	57	51	62	220,003	
Instruments, professional and scientific,	11	952,604	277,130	363,102	719.01	452	53	505	381	602	1,087,893	
Jewelry,	17	437,057	255,382	168,608	674.43	201	49	250	223	278	612,758	
Jewelry and instrument cases,	5	133,986	82,814	64,725	486.65	41	92	133	111	163	179,012	
Leather goods, not elsewhere specified,	13	354,089	312,629	125,654	453.62	112	165	277	223	339	594,764	
Leather, tanned, curried, and finished,	6	137,747	121,235	40,826	637.91	62	2	64	49	79	231,460	
Liquors, malt,	18	13,350,180	3,103,023	1,052,880	965.06	1,084	7	1,091	1,023	1,166	8,362,661	
Looking-glass and picture frames,	14	124,407	110,822	72,637	620.83	116	1	117	105	133	280,861	

Lumber, planing-mill products, . . .	50	1,408,877	1,466,703	719,998	778.88	923	2	925	769	1,130	2,873,792
Marble and stone work, . . .	13	791,218	412,532	362,383	767.76	472	-	472	361	589	1,086,923
Mattresses and spring beds, . . .	18	701,827	1,087,284	269,461	551.04	372	117	489	421	561	1,771,209
Millinery and lace goods, . . .	59	1,049,393	1,574,836	490,301	410.98	187	1,006	1,193	819	1,601	2,874,345
Mineral and soda waters, . . .	18	673,776	505,490	101,169	688.22	145	2	147	104	233	1,194,363
Models and patterns, not including paper patterns, . . .	19	90,295	40,532	103,598	790.82	124	7	131	112	153	225,815
Mucilage and paste, . . .	5	114,102	179,377	18,162	756.75	21	3	24	24	29	266,831
Musical instruments and materials, not specified, . . .	9	124,342	64,269	68,851	631.66	93	16	109	98	119	202,976
Musical instruments, pianos and organs, and materials, . . .	18	4,122,109	1,604,061	1,091,795	721.13	1,464	50	1,514	1,359	1,628	3,676,329
Oil, not elsewhere specified, . . .	5	708,581	1,445,599	89,056	659.67	135	-	135	129	142	1,735,376
Paints and varnishes, . . .	11	868,655	852,103	95,942	592.23	152	10	162	150	174	1,403,794
Paper goods, not elsewhere specified, . . .	10	259,586	150,410	86,447	436.60	64	134	198	108	296	346,558
Patent medicines and compounds and drug- gists' preparations, . . .	38	2,123,253	2,603,595	394,934	462.99	340	513	853	702	1,010	4,899,015
Photo-engraving, . . .	8	295,325	100,445	232,851	831.61	244	36	280	249	299	645,486
Plumbers' supplies, . . .	8	255,652	109,166	114,392	752.58	152	-	152	140	158	302,928
Pottery, terra-cotta, and fire-clay products, Printing and publishing, . . .	4 53	160,955 2,545,823	51,431 1,186,311	90,640 1,350,627	425.54 603.70	181 1,365	32 582	213 1,947	186 1,716	244 2,153	221,845 4,219,992
Refrigerators, . . .	8	190,071	148,503	75,738	805.72	94	-	94	53	117	336,756
Rubber goods, not elsewhere specified, . . .	8	535,582	454,911	174,310	468.58	218	154	372	297	457	875,964
Saddlery and harness, . . .	11	88,129	129,267	37,213	729.67	50	1	51	48	55	244,014

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Males	Females	Both Sexes				
Boston — Concluded.												
Sausage, not made in slaughtering and meat-packing establishments, . . .	14	\$270,625	\$1,101,062	\$102,385	\$660.55	152	3	155	142	182	\$1,476,849	
Shipbuilding, wooden, including boat building, . . .	13	483,682	281,430	285,945	904.89	316	-	316	178	480	691,253	
Show cases, . . .	7	59,530	72,217	53,630	924.66	58	-	58	44	83	186,414	
Signs and advertising novelties, . . .	4	73,594	94,644	60,515	806.87	71	4	75	73	77	206,343	
Slaughtering and meat packing, . . .	7	189,632	2,211,515	51,746	892.17	58	-	58	57	59	2,618,597	
Soap, . . .	13	237,332	308,696	38,340	618.39	56	6	62	52	75	514,951	
Statuary and art goods, . . .	10	221,458	39,415	72,113	721.13	100	-	100	79	121	182,930	
Steam fittings and heating apparatus, . .	15	4,726,091	1,630,248	1,296,828	664.02	1,853	100	1,953	1,657	2,258	4,006,023	
Steam packing, . . .	5	124,818	52,945	27,718	676.05	39	2	41	35	47	151,130	
Stereotyping and electrotyping, . . .	6	159,665	85,376	174,829	915.34	191	-	191	177	202	379,050	
Structural ironwork, . . .	15	658,735	482,946	359,860	756.01	476	-	476	402	545	1,044,400	
Suspenders, garters, and elastic woven goods, . .	8	1,225,916	1,576,116	363,074	896.37	96	820	916	813	1,029	2,720,319	
Tobacco manufactures, . . .	114	3,136,053	2,696,544	2,267,527	809.25	2,052	750	2,802	2,501	3,072	6,684,577	
Trunks and valises, . . .	11	138,022	167,680	72,011	525.63	113	24	137	101	157	329,298	
Type founding and printing materials, . .	8	270,935	92,885	85,973	741.15	94	22	116	108	129	290,513	
Window shades and fixtures, . . .	6	43,600	78,844	18,483	616.10	23	7	30	24	33	120,750	
Wirework, including wire rope and cable, . .	7	50,371	51,414	45,055	662.57	67	1	68	55	88	125,578	

Wood, turned and carved,	6	62,916	24,818	18,292	494.38	37	-	37	26	46	70,077
Other industries,	180	83,501,397	36,710,604	8,093,987	635.37	9,868	2,871	12,739	10,987	14,600	51,510,040
BROCKTON.											
Blacking,	179	33,163,791	30,516,677	10,179,143	639.36	11,668	4,266	16,931	13,967	17,616	48,896,581
Boot and shoe cut stock and findings,	13	189,637	247,549	32,618	858.37	32	6	38	35	45	527,235
Boots and shoes,	45	3,052,680	6,023,781	862,285	462.35	1,265	600	1,865	1,294	2,133	7,873,792
Boxes, fancy and paper	33	14,712,028	20,986,197	7,975,824	668.50	8,726	3,205	11,931	10,127	13,059	34,244,367
Boxes, wooden packing	5	207,985	121,639	90,678	438.06	55	152	207	191	228	281,106
	4	176,318	123,902	40,306	610.70	66	-	66	55	73	185,354
Bread and other bakery products,	9	57,873	212,885	54,505	825.83	66	-	66	64	70	364,259
Carriages and wagons and materials,	3	35,725	11,945	13,674	759.67	18	-	18	15	21	47,750
Cutlery and tools, not elsewhere specified,	9	130,797	45,143	82,762	819.43	101	-	101	77	121	196,721
Foundry and machine-shop products,	9	406,203	92,857	130,834	769.61	170	-	170	163	187	397,418
Lasts,	5	505,234	228,950	186,433	836.02	223	-	223	196	266	666,323
Other industries,	44	2,688,311	2,422,839	709,224	573.81	944	292	1,236	1,050	1,413	4,112,257
CAMBRIDGE.											
Automobiles, including bodies and parts,	244	34,514,857	29,694,233	9,610,689	575.90	11,708	4,983	16,688	13,817	18,648	55,154,607
Bookbinding and blank-book making,	5	196,788	66,453	96,292	852.14	112	1	112	96	130	240,657
Boxes, fancy and paper	6	486,792	178,625	195,405	530.99	167	201	368	331	407	521,029
Brass and bronze products,	3	254,295	180,292	151,967	431.72	76	276	352	311	390	452,810
Bread and other bakery products,	3	26,835	33,023	15,128	630.33	24	-	24	15	35	66,082
	35	1,290,341	2,300,770	574,595	546.71	782	269	1,051	996	1,118	4,264,686
Carriages and wagons and materials,	4	70,437	48,386	50,244	717.77	70	-	70	52	90	136,067
Confectionery,	14	1,304,121	1,628,811	340,943	338.57	277	730	1,007	869	1,173	2,551,604
Copper, tin, and sheet-iron products,	6	542,357	395,749	124,048	561.30	209	12	221	195	252	682,261
Foundry and machine-shop products,	17	5,052,447	1,691,088	1,300,604	698.87	1,784	77	1,861	1,667	2,018	4,057,706
Furniture,	12	1,367,590	394,545	542,548	762.01	698	14	712	590	841	1,361,571

Tobacco manufactures,	8	7,902	7,403	2,867	409.57	4	3	7	7	8	21,601
Other industries,	57	7,465,433	5,870,501	2,256,615	622.00	2,877	751	3,628	3,136	4,035	10,530,238
CHICOPEN.											
Bread and other bakery products,	39	19,507,146	13,961,408	4,300,409	561.36	5,663	2,000	7,663	6,893	8,711	24,076,068
Brick and tile,	6	38,025	74,474	15,723	748.67	21	-	21	20	21	124,491
Other industries,	4	114,767	23,325	41,747	528.44	79	-	79	20	162	83,281
	29	19,354,354	13,863,603	4,242,937	561.09	5,562	2,000	7,562	6,853	8,528	23,868,260
EVERETT.											
Bread and other bakery products,	47	23,690,367	5,370,308	1,641,470	648.03	2,196	338	2,533	2,099	2,879	10,223,567
Foundry and machine-shop products,	3	12,275	23,265	7,875	715.91	11	-	11	11	11	44,356
Other industries,	4	139,553	53,530	41,488	628.61	66	-	66	57	83	141,806
	40	23,468,539	5,395,507	1,592,107	648.25	2,118	338	2,456	2,081	2,785	10,037,345
FALL RIVER.											
Bread and other bakery products,	223	88,140,549	36,699,883	15,724,515	497.38	20,880	15,913	36,793	34,107	39,010	62,440,595
Copper, tin, and sheet-iron products,	59	176,353	449,093	121,024	630.33	192	-	192	191	196	754,910
Cordage and twine,	5	42,643	37,723	26,128	687.58	38	-	38	33	45	103,133
Cotton goods,	4	72,509	69,519	23,788	335.04	55	16	71	69	73	108,766
Cotton small wares,	43	67,590,405	28,622,457	12,504,771	415.84	15,692	14,379	30,071	28,527	31,157	46,759,434
	6	582,083	321,681	103,926	320.76	163	161	324	248	357	501,938
Foundry and machine-shop products,	31	1,039,239	533,666	284,420	543.73	599	106	707	629	792	1,299,563
Lumber, planing-mill products,	5	128,682	166,359	42,311	742.30	57	-	57	54	59	234,967
Marble and stone work,	4	77,107	6,353	40,112	636.70	63	-	63	42	82	71,717
Sausage, not made in slaughtering and meat-packing establishments,	6	20,160	90,596	9,586	563.88	15	2	17	16	18	128,382
Tobacco manufactures,	6	5,313	5,038	2,401	480.20	5	-	5	5	7	12,540
Other industries,	53	18,406,105	6,397,397	2,466,048	469.90	4,001	1,247	5,248	4,293	6,224	12,465,185

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.
B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
FITCHBURG.	115	\$20,434,338	\$15,881,387	\$4,676,283	\$599.89	6,191	2,634	8,825	8,908	9,737	\$24,837,689
Bread and other bakery products,	18	43,604	146,106	36,436	628.21	57	1	58	55	60	246,452
Confectionery,	3	17,639	27,331	7,701	641.75	8	4	12	11	14	50,888
Cotton goods,	6	5,230,852	3,474,336	1,268,703	434.93	1,528	1,389	2,917	2,828	3,178	5,185,920
Foundry and machine-shop products,	19	1,582,977	523,958	514,442	660.39	779	-	779	678	910	1,617,827
Mineral and soda waters,	4	10,775	7,550	4,746	593.25	8	-	8	5	10	19,200
Tobacco manufactures,	6	12,006	11,459	9,727	648.47	12	3	15	14	17	30,187
Wood, turned and carved,	3	22,590	14,733	21,253	518.37	41	-	41	37	49	58,323
Other industries,	56	13,513,896	11,675,914	2,813,275	563.22	3,758	1,237	4,995	4,580	5,504	17,628,892
GLOUCESTER.	76	5,121,431	5,187,875	945,912	478.70	1,456	680	1,976	1,601	2,484	7,578,694
Bread and other bakery products,	3	53,209	121,719	26,516	541.14	40	9	49	45	54	176,256
Canning and preserving,	16	2,984,220	3,545,371	499,914	447.95	889	227	1,116	918	1,408	4,737,250
Clothing, men's	5	57,370	79,621	25,316	349.66	22	79	101	67	134	140,381
Foundry and machine-shop products,	4	36,825	9,802	12,954	616.86	21	-	21	16	26	31,648
Shipbuilding, wooden, including boat- building,	11	106,516	30,072	24,678	725.82	34	-	34	24	51	83,848
Tobacco manufactures,	6	4,075	9,131	6,473	497.92	12	1	13	12	15	22,769
Other industries,	31	1,879,206	1,392,159	340,061	529.69	438	204	642	519	796	2,386,543

Haverhill.		310	17,908,167	36,197,068	8,498,786	618.08	9,189	4,746	18,886	10,840	17,088	48,418,266
Boot and shoe cut stock and findings,	.	110	3,743,404	6,983,561	886,245	519.18	1,318	389	1,707	1,283	2,105	9,417,704
Boots and shoes,	.	115	9,380,754	14,842,918	6,496,073	633.89	6,319	3,929	10,248	7,544	12,698	26,183,090
Boxes, paper and wooden,	.	11	560,827	544,635	211,108	545.50	239	148	337	380	427	941,734
Bread and other bakery products,	.	10	45,066	144,095	27,770	730.79	37	1	38	38	41	231,578
Cutlery and tools, not elsewhere specified,	.	4	12,939	8,881	13,516	711.37	19	-	19	16	19	40,627
Foundry and machine-shop products,	.	6	78,193	28,439	47,623	768.11	62	-	62	49	76	111,433
Mineral and soda waters,	.	3	9,427	11,486	5,896	655.11	9	-	9	4	15	27,200
Models and patterns, not including paper patterns,	.	7	37,096	16,305	29,763	783.24	38	-	38	29	47	86,820
Printing and publishing,	.	4	17,892	7,346	12,010	545.91	18	4	22	18	24	35,050
Tobacco manufactures,	.	4	8,293	5,577	4,139	459.89	8	1	9	8	11	13,834
Other industries,	.	36	3,308,276	3,603,825	764,643	568.09	1,072	274	1,346	921	1,619	5,324,185
HOLYOKE.												
Bookbinding and blank-book making,	.	132	41,455,140	28,687,715	9,590,308	532.57	10,005	7,687	17,632	16,136	19,065	45,592,190
Bread and other bakery products,	.	4	1,062,528	724,911	390,834	553.59	448	258	706	671	728	1,499,513
Foundry and machine-shop products,	.	16	123,265	223,841	57,392	765.23	75	-	75	72	76	367,610
Lumber, planing-mill products,	.	13	2,795,038	768,797	811,215	690.40	1,156	19	1,175	994	1,348	2,087,196
Paper and wood pulp,	.	4	265,371	448,531	157,634	710.06	222	-	222	180	251	769,551
Paper goods, not elsewhere specified,	.	22	13,636,252	8,300,732	2,486,941	538.77	2,800	1,816	4,616	4,141	4,995	13,706,646
Sausage, not made in slaughtering and meat-packing establishments,	.	4	1,103,167	1,321,587	254,980	532.32	340	139	479	452	506	1,867,746
Stationery goods, not elsewhere specified,	.	3	4,930	36,892	6,140	682.22	9	-	9	8	9	60,688
Tobacco manufactures,	.	6	1,114,640	786,138	259,966	450.55	312	265	577	506	641	1,506,035
Other industries,	.	13	52,746	39,703	36,446	552.21	50	16	66	60	72	111,117
Other industries,	.	47	21,277,203	14,036,583	4,928,760	507.75	4,593	5,114	9,707	9,051	10,439	23,616,088

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Cotton small wares,	3	49,006	48,118	16,434	410.85	22	18	40	33	44	88,090
Foundry and machine-shop products, . .	26	3,248,495	1,054,971	1,023,934	483.44	2,097	21	2,118	1,449	2,901	2,300,219
Lumber, planing-mill products,	8	229,958	127,190	67,100	677.78	99	-	99	70	120	255,708
Patent medicines and compounds and druggists' preparations,	4	1,133,198	396,698	91,629	434.81	113	76	189	129	371	1,045,133
Tobacco manufactures,	9	37,049	19,825	13,173	598.77	21	1	22	22	25	50,216
Woolen and worsted goods,	10	4,166,560	2,753,028	1,052,826	460.96	1,086	1,198	2,284	2,074	2,448	4,000,593
Other industries,	97	19,275,395	10,902,966	4,679,094	452.83	5,480	4,853	10,333	9,359	11,257	19,700,652
Lynn.	977	35,988,365	44,736,836	18,607,798	632.49	20,487	8,933	29,420	23,459	34,409	80,544,498
Blacking,	13	167,492	314,920	44,182	788.96	51	5	56	54	63	646,415
Boot and shoe cut stock and findings, .	88	4,435,942	10,605,834	930,773	522.03	1,355	428	1,783	1,304	2,232	13,286,655
Boots and shoes,	113	15,043,379	19,231,018	9,603,560	677.74	8,264	5,906	14,170	10,357	17,117	35,511,992
Boxes, fancy and paper	4	191,248	194,415	103,424	533.11	79	115	194	168	225	420,816
Boxes, wooden packing	3	235,045	255,251	111,798	505.87	121	100	221	208	242	468,951
Bread and other bakery products, . . .	19	184,929	361,412	104,798	703.34	140	9	149	144	152	612,918
Confectionery,	3	35,347	36,008	7,747	595.92	10	3	13	8	21	53,787
Cutlery and tools, not elsewhere specified, .	5	39,073	12,380	27,451	857.84	32	-	32	32	37	62,063
Foundry and machine-shop products, . .	21	705,263	174,585	221,871	734.67	302	-	302	258	347	610,434
Lasts,	6	200,232	136,416	142,934	816.77	175	-	175	148	201	446,286
Leather, tanned, curried, and finished, .	9	2,654,286	3,352,187	438,197	477.86	901	16	917	695	1,100	4,524,683
Lumber, planing-mill products,	5	247,356	243,070	87,350	721.90	121	-	121	96	137	410,321
Mineral and soda waters,	3	47,003	13,629	8,876	591.73	15	-	15	9	25	44,894
Models and patterns, not including paper patterns,	13	116,896	47,297	75,648	713.66	99	7	106	62	165	217,310
Printing and publishing,	12	257,129	137,005	84,967	602.60	99	42	141	107	165	314,312

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Establish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
LYNN — Concluded.											
Tobacco manufactures,	4	\$3,660	\$3,835	\$3,340	\$835.00	4	-	4	4	6	\$10,440
Other industries,	56	11,324,085	9,616,974	6,610,882	599.84	8,719	2,302	11,021	9,805	12,174	22,902,221
MALDEN.											
All industries,	56	7,145,643	4,154,628	1,407,477	504.83	1,352	1,436	2,788	2,546	3,051	8,053,194
	56	7,145,643	4,154,628	1,407,477	504.83	1,352	1,436	2,788	2,546	3,051	8,053,194
MARLBOROUGH.											
All industries,	37	2,500,230	5,158,907	1,885,373	525.91	2,420	1,165	3,585	2,970	4,167	8,258,371
	37	2,500,230	5,158,907	1,885,373	525.91	2,420	1,165	3,585	2,970	4,167	8,258,371
MEDFORD.											
All industries,	25	1,908,507	1,695,585	362,861	634.37	513	59	572	420	711	2,476,214
	25	1,908,507	1,695,585	362,861	634.37	513	59	572	420	711	2,476,214
MELROSE.											
All industries,	16	2,932,314	1,549,039	506,743	491.98	481	549	1,030	893	1,138	2,716,488
	16	2,932,314	1,549,039	506,743	491.98	481	549	1,030	893	1,138	2,716,488
NEW BEDFORD.											
Bread and other bakery products,	41	507,906	677,394	182,018	524.55	279	68	347	293	393	1,112,539
Cotton goods,	30	76,444,322	28,789,279	12,663,695	465.65	15,315	11,981	27,196	20,671	30,266	46,869,676
Foundry and machine-shop products,	15	325,473	184,151	195,809	654.88	275	24	299	264	340	471,841
Lumber, planing-mill products,	5	87,438	129,899	43,394	647.67	67	-	67	62	70	207,275
Monuments and tombstones,	4	18,406	8,453	6,616	827.00	8	-	8	7	8	22,652

Oil, not elsewhere specified,	3	603,951	726,390	36,226	496.25	04	9	73	66	77	869,697
Sausage, not made in slaughtering and meat-packing establishments,	4	97,175	213,239	18,905	700.19	27	-	27	27	28	262,741
Tobacco manufactures,	4	5,812	23,490	6,936	533.54	9	4	13	12	14	40,379
Other industries,	62	6,374,867	5,516,156	2,339,626	584.76	3,250	751	4,001	3,516	4,326	9,967,194
NEWBURYPORT.											
Boots and shoes,	49	6,351,455	4,531,070	1,807,701	535.14	2,343	1,136	3,378	2,331	4,184	8,039,735
Boxes, fancy and paper	10	1,790,841	1,980,143	1,084,665	550.06	1,115	766	1,881	1,434	2,398	3,774,968
Bread and other bakery products,	3	27,530	25,944	22,682	427.96	17	86	53	50	59	58,592
Other industries,	7	140,146	153,537	39,124	495.24	43	36	79	69	100	343,672
	29	4,292,938	2,371,446	711,230	521.05	1,067	298	1,365	1,278	1,627	3,862,503
NEWTON.											
Bread and other bakery products,	40	7,394,739	3,547,089	1,333,470	525.82	1,716	723	2,439	2,335	2,690	5,924,559
Lumber, planing-mill products,	6	11,025	31,186	6,557	731.89	9	-	9	8	10	58,377
Other industries,	5	260,715	197,316	105,856	801.94	132	-	132	109	170	375,824
	29	7,022,990	3,318,587	1,170,027	509.15	1,575	723	2,298	2,118	2,510	5,490,358
NORTH ADAMS.											
Bread and other bakery products,	44	12,736,080	6,096,947	2,758,785	517.69	3,548	1,781	5,399	4,770	5,856	10,744,577
Foundry and machine-shop products,	7	241,071	461,317	84,581	402.77	117	93	210	207	214	710,083
Tobacco manufactures,	5	371,017	125,690	126,810	657.05	192	1	193	170	209	386,237
Woolen and worsted goods,	8	20,900	24,754	28,258	601.23	43	4	47	41	61	79,035
Other industries,	4	1,784,635	1,567,635	512,288	525.42	577	398	975	870	1,067	2,649,221
	20	10,318,407	3,917,551	2,006,848	514.05	2,619	1,285	3,904	3,482	4,305	6,920,001
NORTHAMPTON.											
Bread and other bakery products,	50	7,819,698	4,490,825	1,953,473	541.75	2,327	1,377	3,604	3,328	3,963	8,333,736
Cutlery and tools, not elsewhere specified,	9	79,932	139,445	29,928	696.00	43	-	43	39	45	225,674
Tobacco manufactures,	4	533,126	197,600	301,185	614.66	478	17	490	435	513	657,376
Other industries,	6	13,562	13,586	11,347	667.47	17	-	17	16	19	36,369
	31	7,193,078	4,070,194	1,610,013	527.18	1,794	1,260	3,054	2,738	3,386	7,414,317

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
PITTSFIELD.	44	313,939,307	89,723,727	35,329,719	3645.24	6,125	2,135	8,260	7,566	9,076	390,580,024
Bread and other bakery products,	9	72,214	117,677	29,527	820.19	36	-	36	36	38	199,214
Lumber, planing-mill products,	4	113,947	40,573	33,453	929.25	36	-	36	32	41	108,476
Woolen and worsted goods,	6	2,810,078	2,129,103	1,075,238	514.71	1,373	716	2,089	1,920	2,368	3,874,195
Other industries,	25	10,933,068	7,436,374	4,191,501	687.24	4,680	1,419	6,099	5,578	6,629	16,398,139
QUINCY.	160	11,900,449	8,030,872	4,226,451	676.67	5,779	467	6,246	5,877	7,086	14,400,062
Cutlery and tools, not elsewhere specified,	4	49,135	25,117	14,976	651.13	23	-	23	18	27	59,140
Foundry and machine-shop products,	6	1,233,268	146,645	186,982	705.59	265	-	265	219	318	550,474
Marble and stone work,	20	1,219,853	139,425	318,871	736.42	433	-	433	328	496	744,095
Monuments and tombstones,	95	1,338,758	594,891	833,678	786.49	1,060	-	1,060	815	1,303	2,241,224
Other industries,	25	8,009,435	7,124,794	2,871,944	643.21	3,998	467	4,465	3,897	4,942	10,805,129
SALEM.	140	9,891,483	12,154,099	3,457,714	494.60	4,670	2,331	6,991	5,971	8,048	19,037,759
Boot and shoe cut stock and findings,	28	432,881	730,561	242,807	385.41	347	283	630	537	763	1,243,129
Boots and shoes,	13	2,681,531	4,418,688	1,364,150	481.69	1,706	1,126	2,832	2,389	3,234	6,703,274
Bread and other bakery products,	14	56,404	170,897	38,037	717.68	50	3	53	47	53	296,458
Foundry and machine-shop products,	16	305,670	168,569	121,058	738.16	161	3	164	131	190	411,341
Leather, tanned, curried, and finished,	24	2,717,797	4,405,275	793,258	584.57	1,330	27	1,357	1,058	1,679	5,847,409
Lumber, planing-mill products,	5	128,235	198,498	48,638	685.04	71	-	71	65	78	329,903
Mineral and soda waters,	3	27,300	7,400	8,855	681.15	13	-	13	11	17	35,269

Steam fittings and heating apparatus,	3	86,864	36,884	40,300	719.64	56	-	56	44	66	128,804
Other industries,	34	3,424,801	1,997,327	800,611	441.11	936	879	1,815	1,689	1,968	4,042,172
SOMERVILLE.											
Bread and other bakery products,	95	18,335,773	37,343,444	3,432,601	588.68	5,490	341	5,831	5,918	6,575	45,126,009
Confectionery,	20	182,255	255,930	72,023	580.83	88	36	124	120	128	466,763
Other industries,	3	7,066	43,835	9,078	349.15	5	21	26	22	31	61,496
	72	18,146,452	37,043,679	3,351,500	589.95	5,397	284	5,681	5,076	6,416	44,596,750
SPRINGFIELD.											
Automobiles, including bodies and parts,	253	34,636,967	80,900,464	8,675,886	632.49	10,193	3,524	13,717	11,338	15,955	40,699,981
Brass and bronze products,	6	2,611,247	522,355	740,069	925.09	789	11	800	464	1,178	2,053,414
Bread and other bakery products,	6	381,965	386,750	145,704	690.54	193	18	211	157	285	636,717
Carriages and wagons and materials,	19	423,510	583,656	163,389	692.33	202	34	236	211	261	1,078,511
Copper, tin, and sheet-iron products,	5	96,784	63,386	47,491	730.63	62	3	65	45	91	152,005
	3	38,197	20,200	34,672	693.44	50	-	50	40	53	97,450
Foundry and machine-shop products,	30	4,753,206	1,158,881	940,997	687.86	1,357	11	1,368	1,203	1,584	3,375,221
Hardware,	4	373,051	107,243	145,808	615.22	235	2	237	182	312	362,220
Hosiery and knit goods,	4	721,147	378,014	164,446	410.09	71	330	401	375	444	737,306
Lumber, planing-mill products,	6	261,971	301,030	87,348	734.02	119	-	119	97	142	489,982
Mineral and soda waters,	5	48,497	30,371	10,554	659.63	16	-	16	10	26	72,010
Models and patterns, not including paper patterns,	4	12,475	3,728	17,178	904.11	19	-	19	9	27	38,602
Paper goods, not elsewhere specified,	8	1,412,865	1,004,320	282,551	478.09	280	311	591	521	652	1,749,770
Printing and publishing,	11	2,559,594	627,474	399,327	664.44	447	154	601	545	646	1,817,302
Tobacco manufactures,	26	362,871	315,957	340,923	723.83	271	200	471	381	535	835,786
Other industries,	115	20,579,607	14,697,189	5,155,409	604.24	6,082	2,450	8,532	7,092	9,719	27,303,625

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Sexes		
TAUNTON.	92	\$15,321,143	\$3,303,472	\$3,383,817	\$564.84	5,110	1,766	6,876	6,340	7,461
Bread and other bakery products,	10	77,922	154,970	36,063	691.75	53	-	53	52	54
Cotton goods,	7	5,461,999	2,776,820	1,182,935	463.17	1,370	1,184	2,554	2,436	2,696
Foundry and machine-shop products,	10	2,831,352	676,338	595,084	634.42	933	5	938	818	1,061
Pottery, terra-cotta, and fire-clay products,	4	211,689	92,280	86,953	575.85	151	-	151	140	180
Stoves and furnaces, not including gas and oil stoves,	6	947,182	353,095	645,849	804.30	800	3	803	752	852
Tobacco manufactures,	8	16,611	20,323	12,076	483.04	18	7	25	22	26
Other industries,	47	5,774,393	4,129,646	1,324,257	563.03	1,785	567	2,352	2,120	2,592
WALTHAM.	58	16,607,651	3,471,982	3,976,859	568.77	4,363	2,699	6,992	6,385	7,567
Bread and other bakery products,	6	51,088	155,957	33,737	733.41	46	-	46	42	48
Foundry and machine-shop products,	7	490,897	186,896	230,116	674.83	334	7	341	268	431
Tobacco manufactures,	3	1,729	6,631	5,049	721.29	6	1	7	6	8
Watch and clock materials,	4	96,145	33,839	69,967	613.75	54	60	114	98	129
Other industries,	38	15,967,792	3,067,959	3,637,990	561.07	3,923	2,561	6,484	5,971	6,951
WOBBURN.	44	8,858,851	3,708,981	876,831	592.85	1,393	85	1,478	1,199	1,819
Boot and shoe cut stock and findings,	4	102,899	82,028	37,965	417.20	50	41	91	74	119
Bread and other bakery products,	5	10,325	34,237	6,652	739.11	9	-	9	9	9

Leather, tanned, curried, and finished,	17	6,223,075	2,414,796	525,053	593.95	879	5	884	672	1,135	3,477,297
Other industries,	18	1,921,952	1,177,821	306,561	620.57	455	39	494	444	556	2,257,460
Worcester.											
Boots and shoes,	447	73,848,667	48,667,666	18,401,919	604.41	23,094	7,353	30,446	26,938	34,728	86,318,715
Brass and bronze products,	7	1,418,990	1,556,361	540,343	581.64	527	402	929	692	1,068	2,633,012
Bread and other bakery products,	5	36,728	50,796	15,347	767.35	20	-	20	17	23	85,987
Carriages and wagons and materials,	47	452,015	882,007	220,506	644.76	253	89	342	324	370	1,407,888
Clothing, men's	6	93,818	30,866	31,574	717.59	44	-	44	39	49	95,489
Clothing, women's	12	262,674	401,109	110,274	457.57	99	142	241	214	269	623,243
Copper, tin, and sheet-iron products,	16	913,278	932,712	395,429	399.02	163	828	991	737	1,149	1,747,242
Cutlery and tools, not elsewhere specified,	11	409,721	190,959	146,733	547.51	197	71	268	227	309	496,277
Electrical machinery, apparatus, and sup- plies,	13	770,629	265,356	298,036	632.77	435	36	471	439	504	833,383
Electroplating,	4	126,418	110,431	58,127	505.45	76	39	115	74	160	225,352
Foundry and machine-shop products,	3	7,421	4,661	12,356	514.83	22	2	24	16	29	28,618
Lumber, planing-mill products,	72	13,647,520	4,459,819	3,730,932	659.99	5,617	36	5,653	4,880	6,499	11,480,800
Models and patterns, not including paper patterns,	6	343,995	383,581	208,763	729.94	286	-	286	255	321	770,063
Monuments and tombstones,	3	21,778	19,688	31,729	813.56	39	-	39	29	49	65,961
Musical instruments, pianos and organs, and materials,	3	100,123	15,153	35,063	762.24	46	-	46	23	64	68,937
Patent medicines and compounds and druggists' preparations,	3	443,907	258,080	187,897	569.38	284	46	330	238	409	537,878
Printing and publishing,	3	135,565	64,482	27,631	412.40	26	41	67	64	68	123,453
	6	172,346	57,328	70,548	784.88	87	0	96	86	110	230,259

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
WORCESTER — Concluded.											
Sausage, not made in slaughtering and meat-packing establishments, . . .	5	\$74,990	\$205,847	\$30,436	\$742.34	41	—	41	38	43	\$259,693
Suspenders, garters, and elastic woven goods,	5	199,106	268,041	64,853	379.26	25	146	171	142	213	411,580
Tobacco manufactures,	17	58,499	48,637	29,043	605.06	35	13	48	46	52	112,707
Wirework, including wire rope and cable,	10	1,814,169	1,245,466	488,660	504.29	785	184	969	804	1,125	2,336,854
Wooden goods, not elsewhere specified,	5	102,289	58,720	22,486	562.15	38	2	40	34	46	124,257
Woolen and worsted goods,	12	3,164,103	3,187,797	797,375	469.00	812	886	1,698	1,552	1,805	4,752,073
Other industries,	173	48,472,566	33,959,814	10,847,778	619.27	13,137	4,380	17,517	15,269	20,004	56,867,604
TOTAL FOR THE 33 CITIES,	6,097	\$949,763,665	\$680,134,782	\$241,807,575	\$653.68	\$92,683	144,043	436,796	\$57,880	496,871	\$1,163,466,696

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.
C. METROPOLITAN BOSTON: BY INDUSTRIES.

	EMPLOYED		Value of Product
	Smallest Number	Greatest Number	
Boots and shoes, rubber	163,196	197,697	\$645,510,734
Boxes, fancy and paper	123	237	233,631
Boxes, wooden packing	323	1,157	3,133,946
Brass and bronze products	156	339	636,189
	31	37	67,815
	54	58	846,750
	126	154	701,626
	19	23	96,178
	347	530	2,847,645
	1,166	1,687	1,765,684
	2,493	4,071	30,091,053
	21,420	33,641	66,735,058
	8,851	7,837	20,142,608
	1,731	2,298	3,006,705
	631	734	1,718,801
	1,032	1,273	3,880,237
	5	5	15,501,746
	43	43	1,411,500
	12	12	1,170,451
	35	35	2,289,282
	531.63	3,016	3,849,497
	428.66	1,401	860,535
	544.11	101	361,339
	687.77	2	788,163
	4,235	8,016	10,587,577
	606	1,401	1,361,641
	576	101	674,398
	1,144	2	2,363,428
	7,241	3,016	15,501,746
	3,007	1,401	1,411,500
	676	101	1,170,451
	1,146	2	2,289,282

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Both Series					
						Males	Females				
Metropolitan Boston — Continued.											
Bread and other bakery products, . . .	293	\$4,992,815	\$8,669,431	\$2,203,174	\$542.39	3,001	1,061	4,062	3,681	4,380	\$16,340,435
Brick and tile, . . .	7	493,322	100,163	138,101	580.26	238	-	238	71	374	302,227
Canning and preserving, . . .	27	945,380	1,447,931	209,590	508.71	250	162	412	300	567	2,071,931
Carriages and wagons and materials, . .	28	748,098	335,681	345,662	717.14	482	-	482	394	582	903,749
Chemicals, . . .	13	3,475,264	2,430,026	551,817	688.05	801	1	802	713	894	4,864,596
Cleansing and polishing preparations, .	11	179,259	234,121	32,135	486.89	39	27	66	51	75	454,536
Cloth, sponging and refinishing, . . .	3	26,300	3,600	29,250	680.23	43	-	43	41	48	61,200
Clothing, men's . . .	164	7,851,161	8,936,532	2,869,693	573.71	2,556	2,446	5,002	4,380	5,636	16,683,185
Clothing, women's . . .	138	3,143,663	5,062,584	2,075,626	516.84	1,145	2,871	4,016	2,966	4,935	9,620,846
Coffee and spice, roasting and grinding, .	15	2,730,893	6,111,169	227,712	599.24	236	144	380	354	412	7,191,028
Confectionery, . . .	76	8,624,043	11,135,579	2,196,539	356.81	1,464	4,692	6,156	5,062	7,800	16,903,910
Cooperage, . . .	5	448,174	541,448	162,349	581.90	279	-	279	265	295	792,748
Copper, tin, and sheet-iron products, .	74	2,836,585	2,574,372	1,187,643	599.52	1,748	233	1,981	1,711	2,272	5,103,967
Cordials and sirups, . . .	7	286,298	394,817	48,102	517.23	52	41	93	68	122	612,126
Cotton goods, including cotton small wares,	9	4,425,748	1,374,335	803,130	431.33	1,150	712	1,862	1,719	2,021	2,360,831
Cutlery and tools, not elsewhere specified, .	36	3,515,942	689,290	489,829	480.70	606	413	1,019	833	1,341	2,482,289
Dentists' materials, . . .	7	86,747	457,097	38,966	638.79	36	25	61	58	67	546,564
Dyeing and finishing textiles, . . .	9	1,412,479	546,183	520,749	481.73	920	161	1,081	971	1,148	1,301,353

Dyestuffs and extracts,	12	540,311	786,773	63,543	655.08	97	-	97	81	119	1,153,960
Electrical machinery, apparatus, and supplies,	50	17,760,249	12,524,040	8,334,015	592.33	11,057	3,013	14,070	12,365	15,761	28,731,975
Electroplating,	18	67,703	38,656	34,730	791.87	106	1	107	98	120	203,722
Engraving and diesinking,	9	121,309	54,620	64,111	610.58	67	38	105	94	116	208,315
Fancy articles, not elsewhere specified,	13	255,753	184,468	90,496	412.80	53	142	195	134	294	415,937
Flavoring extracts,	7	237,863	333,643	29,514	508.86	27	31	58	50	69	511,262
Food preparations,	18	601,936	762,182	132,375	601.70	168	52	220	148	328	1,680,506
Foundry and machine-shop products,	204	23,629,296	7,629,259	6,602,680	702.41	9,262	138	9,400	8,175	10,780	20,898,531
Fur goods,	11	520,698	340,254	169,275	813.82	106	102	208	127	260	696,610
Furnishing goods, men's	8	364,092	387,099	99,267	445.14	38	185	223	158	284	712,280
Furniture,	61	5,809,575	2,552,685	1,801,188	637.36	2,621	205	2,826	2,471	3,261	6,213,506
Galvanising,	3	16,782	17,633	9,464	676.00	14	-	14	7	18	34,714
Gas and electric fixtures,	9	126,083	117,602	85,139	733.96	115	1	116	102	132	284,103
Glass, cutting, staining, and ornamenting,	17	111,560	70,323	123,430	743.55	159	7	166	138	206	299,204
Glue,	4	429,237	223,517	65,542	445.86	128	19	147	98	172	377,908
Grease and tallow,	12	661,785	709,261	145,834	659.88	220	1	221	210	236	1,092,022
Hand stamps and stencils and brands,	18	65,523	26,853	46,217	711.03	64	1	65	60	79	150,432
Hardware,	16	487,191	184,234	150,995	606.41	210	39	249	215	283	433,618
Hats and caps, other than felt, straw, and wool,	23	171,729	361,179	182,292	635.16	204	83	287	253	320	771,998
Hosiery and knit goods,	29	4,138,335	3,264,737	1,154,653	437.87	430	2,207	2,637	2,244	2,868	5,960,511
House-furnishing goods, not elsewhere specified,	14	695,193	655,007	144,194	436.95	177	153	330	266	362	1,115,457
Instruments, professional and scientific,	18	1,069,334	334,463	391,309	723.31	486	55	541	409	642	1,252,680

Musical instruments and materials, not specified,	9	124,342	64,269	68,851	631.06	93	16	100	98	119	202,976
Musical instruments, pianos and organs, and materials,	31	7,532,677	2,508,711	1,830,202	674.85	2,520	192	2,712	2,256	2,962	6,114,395
Oil, not elsewhere specified,	8	922,571	1,875,890	123,297	589.94	209	-	209	197	221	2,259,206
Paints and varnishes,	24	2,273,763	2,249,830	258,647	594.59	398	37	435	385	479	4,150,047
Paper goods, not elsewhere specified,	14	294,446	205,155	100,557	444.94	77	149	226	122	335	451,148
Patent medicines and compounds and druggists' preparations,	51	2,862,222	3,107,817	546,461	471.90	485	673	1,158	967	1,351	6,633,527
Photo-engraving,	8	295,325	100,445	232,851	831.61	244	36	280	249	299	645,486
Plumbers' supplies,	12	591,215	337,260	192,829	671.88	277	10	287	262	320	747,245
Pottery, terra-cotta, and fire-clay products,	8	1,101,543	116,122	204,158	534.45	347	35	382	309	457	466,710
Printing and publishing,	76	6,187,652	3,289,327	3,177,902	661.08	3,115	1,551	4,666	4,238	5,032	9,444,972
Refrigerators,	8	190,071	148,503	75,738	805.72	94	-	94	53	117	336,756
Rubber goods, not elsewhere specified,	17	2,573,071	2,985,011	758,272	545.91	1,106	283	1,389	1,178	1,677	4,467,422
Saddlery and harness,	13	127,656	201,503	46,495	704.47	65	1	66	62	70	348,072
Sausage, not made in slaughtering and meat-packing establishments,	17	284,152	1,132,609	106,965	660.28	159	3	162	149	190	1,521,670
Screws, machine,	5	132,988	84,640	69,351	619.21	100	12	112	92	130	213,551
Shipbuilding, wooden, including boat building,	22	610,617	447,972	395,227	809.89	488	-	488	310	683	1,037,703
Shirts,	6	172,959	165,048	92,025	457.84	23	178	201	155	226	392,058
Show cases,	9	85,430	93,445	69,953	896.83	78	-	78	62	105	233,407
Signs and advertising novelties,	6	95,394	118,594	69,635	717.89	81	16	97	85	102	253,343
Slaughtering and meat packing,	16	12,513,184	35,245,853	1,382,273	553.80	2,475	21	2,496	2,272	2,851	39,451,389

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.
C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Average Number						
						Males	Females	Both Sexes				
Metropolitan Boston — Concluded.												
Soap,	25	\$1,949,476	\$2,385,254	\$218,977	\$520.14	298	123	421	369	476	\$4,136,830	
Statuary and art goods,	10	221,458	39,415	72,113	721.13	100	-	100	79	121	182,930	
Steam fittings and heating apparatus,	17	5,132,124	1,731,208	1,371,626	668.11	1,953	100	2,053	1,745	2,371	4,309,460	
Steam packing,	8	191,129	91,200	40,366	672.77	58	2	60	53	68	214,609	
Stereotyping and electrotyping,	6	159,665	85,376	174,839	915.34	191	-	191	177	202	379,050	
Stoves and furnaces, not including gas and oil stoves,	4	1,732,221	487,068	615,320	831.51	740	-	740	555	797	1,584,830	
Structural ironwork,	33	2,787,873	1,876,376	943,064	755.66	1,248	-	1,248	966	1,525	3,452,754	
Surgical appliances,	7	140,118	66,825	65,909	599.17	60	50	110	97	120	218,757	
Suspenders, garters, and elastic woven goods,	15	2,315,249	2,234,071	605,950	424.04	252	1,177	1,429	1,263	1,593	3,858,752	
Tobacco manufactures,	145	3,186,858	2,750,558	2,288,646	807.28	2,077	758	2,835	2,531	3,113	6,798,288	
Trunks and valises,	16	358,159	368,019	150,842	529.27	213	72	285	170	361	696,981	
Type founding and printing materials,	8	270,935	92,885	85,973	741.15	94	22	116	108	129	290,513	
Watch and clock materials,	5	129,485	36,181	94,007	543.39	59	114	173	154	189	205,179	

Window shades and fixtures,	8	64,300	159,837	28,583	519.09	45	10	55	44	60	221,816
Wirework, including wire rope and cable,	10	148,171	100,014	113,486	704.88	157	4	161	139	185	288,669
Wood, turned and carved,	9	145,336	33,146	32,249	565.77	55	2	57	42	70	102,780
Wooden goods, not elsewhere specified,	9	167,956	111,565	67,927	611.95	111	-	111	102	126	240,277
Woolen and worsted goods,	4	4,971,898	2,376,199	580,959	517.79	644	478	1,122	961	1,264	3,464,884
All other industries,	248	83,175,973	61,146,171	16,154,989	621.47	19,701	6,294	25,995	22,823	29,158	92,302,738.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.
E. FOR 116 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

Towns and Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Males	Females	Both Sexes			
Abington,	12	\$2,721,122	\$2,720,671	\$1,115,810	\$593.83	1,368	511	1,879	1,506	2,096	\$4,732,350
Acton,	14	1,332,132	453,175	168,773	581.98	260	30	290	242	339	889,281
Adams,	26	7,511,320	3,222,687	1,678,063	436.43	2,260	1,585	3,845	2,899	4,023	5,741,720
Agawam,	3	454,543	214,391	84,589	575.44	88	59	147	117	159	668,915
Amesbury,	45	3,008,926	2,199,390	1,339,598	617.64	1,680	387	2,067	1,283	2,640	4,543,088
Automobiles, including bodies and parts, Bread and other bakery products,	17	1,181,084	799,539	487,043	709.98	673	13	686	438	960	1,640,811
Carriages and wagons and materials, Other industries,	3	10,186	28,454	5,725	636.11	9	-	9	9	9	46,274
Amherst,	5	142,072	83,546	39,019	696.77	55	1	56	51	60	150,965
Andover,	20	1,674,884	1,287,781	707,811	563.54	883	373	1,256	785	1,611	2,704,038
Arlington,	15	1,079,830	777,117	269,760	595.50	236	217	453	176	676	1,387,122
Ashburnham,	9	3,193,335	2,174,339	667,594	469.15	838	585	1,423	1,307	1,561	3,632,134
Athol,	13	354,860	201,461	104,072	680.21	149	4	153	142	190	418,171
Attleborough,	10	830,466	256,594	185,663	536.60	335	11	346	331	391	561,086
Cutlery and tools, not elsewhere specified, Engraving and diesinking,	30	5,799,585	2,006,294	1,380,348	598.33	1,786	521	2,307	1,922	2,662	4,705,084
Jewelry,	119	16,314,362	8,167,612	4,030,368	616.72	4,687	1,332	6,519	5,613	7,548	16,913,354
Silverware and plated ware,	5	18,441	3,169	12,243	612.15	20	-	20	14	27	27,751
Other industries,	7	19,365	3,304	27,951	755.43	37	-	37	28	51	61,575
	71	8,352,169	4,037,607	2,444,233	644.07	2,445	1,350	3,795	3,239	4,434	9,309,825
	5	1,662,011	796,156	360,321	732.36	426	66	492	415	586	1,818,634
	31	6,162,276	3,327,376	1,175,620	540.51	1,759	416	2,175	1,917	2,450	5,695,569

	4	938,776	643,124	170,119	528.32	244	78	322	271	343	953,488
Auburn,	12	459,244	218,448	112,219	524.39	190	24	214	147	322	429,408
Barnstable,	4	21,712	14,634	7,944	496.50	16	-	16	6	34	28,179
Becket,	6	842,613	111,477	70,401	483.90	121	23	144	104	183	217,410
Billerica,	6	2,927,321	1,556,809	373,883	469.11	593	204	797	685	954	2,283,048
Braintree,	13	2,474,598	3,226,494	1,254,684	590.44	1,421	704	2,125	1,904	2,343	5,305,275
Bridgewater,	14	1,620,943	3,306,778	1,143,087	636.82	1,387	408	1,795	1,588	2,107	5,506,287
Brookfield,	8	322,500	319,905	91,414	466.40	137	59	196	155	220	576,619
Brookline,	11	583,337	184,971	229,025	677.59	311	27	338	311	376	595,344
Canton,	13	1,440,288	789,100	355,622	582.99	433	177	610	510	701	1,560,580
Chelmsford,	11	4,806,873	2,522,197	555,358	457.46	712	502	1,214	1,122	1,319	3,353,454
Chester,	5	647,202	172,259	31,432	628.64	50	-	50	45	57	317,055
Clinton,	25	11,757,908	4,225,381	1,767,455	456.95	2,368	1,577	4,045	3,925	4,536	7,167,510
Bread and other bakery products,	8	14,200	46,605	11,860	741.25	16	-	16	16	19	104,470
Foundry and machine-shop products,	4	120,396	40,559	50,148	506.55	93	6	99	87	112	126,048
Worsted goods,	3	315,520	317,048	81,960	502.82	96	67	163	126	205	496,900
Other industries,	10	11,307,086	3,821,069	1,623,487	430.98	2,163	1,604	3,767	2,996	4,200	6,441,092
Concord,	8	1,613,073	683,712	217,973	530.35	315	96	411	309	491	1,071,245
Dalton,	9	1,984,580	905,921	375,380	507.27	367	278	740	678	800	1,879,346
Danvers,	23	1,755,870	2,156,340	601,513	635.63	730	393	1,133	867	1,228	3,384,841
Bots and shoes,	5	233,059	298,962	121,085	614.64	119	78	197	167	244	486,562
Other industries,	18	1,522,811	1,857,378	480,427	518.82	611	315	926	700	1,084	2,898,279
Dedham,	9	738,335	461,103	134,025	433.74	176	133	309	282	332	722,765
Deerfield,	7	241,939	185,851	157,258	600.22	193	69	262	229	305	421,964
Dighton,	7	488,462	647,546	343,454	553.46	535	80	615	555	693	1,316,329

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.
E. FOR 116 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number		Both Sexes			
						Males	Females				
Douglas,	4	\$694,168	\$511,049	\$218,788	\$465.51	266	204	470	437	501	\$1,021,548
Dudley,	9	2,242,860	1,564,343	745,125	506.54	936	535	1,471	1,328	1,594	2,656,425
Easthampton,	16	6,911,711	7,025,420	1,624,238	488.35	1,922	1,404	3,326	3,065	3,837	10,365,735
Easton,	8	2,301,346	591,236	304,697	589.36	460	57	517	468	577	1,299,878
Erving,	4	1,515,050	453,575	425,218	557.30	636	127	763	740	788	1,182,103
Essex,	3	35,527	56,927	26,238	639.95	41	-	41	23	60	91,500
Foxborough,	12	668,009	476,218	280,787	632.40	248	196	444	240	624	998,427
Framingham,	33	6,682,013	4,258,928	2,295,719	564.61	2,633	1,433	4,066	3,307	4,873	8,518,687
Franklin,	25	2,403,385	1,978,634	621,858	576.33	829	250	1,079	856	1,271	3,463,415
Gardner,	48	11,656,463	8,989,607	8,159,105	540.87	3,513	466	3,979	3,481	4,497	6,720,691
Bread and other bakery products,	5	16,930	48,995	15,805	831.84	19	-	19	19	19	88,400
Foundry and machine-shop products,	7	201,359	86,650	85,721	634.97	135	-	135	112	163	234,595
Furniture,	17	10,432,574	2,368,671	1,761,704	529.20	2,923	406	3,329	2,966	3,714	5,321,440
Other industries,	19	1,005,600	485,291	288,875	582.41	436	60	496	384	601	1,076,256
Georgetown,	6	187,493	224,889	61,568	427.56	124	20	144	144	154	323,177
Grafton,	13	1,844,240	1,965,964	712,240	487.84	783	678	1,460	1,359	1,530	3,224,547
Great Barrington,	13	3,357,664	1,717,184	518,310	479.03	627	455	1,082	970	1,155	2,673,583

Greenfield,	38	3,367,313	1,395,941	901,377	598.96	1,967	164	1,531	1,328	1,790	3,696,617
Cutlery and tools, not elsewhere specified,	10	2,368,278	487,678	656,411	612.32	1,040	32	1,072	965	1,247	2,281,389
Foundry and machine-shop products, .	5	107,366	18,117	27,811	772.53	86	-	36	30	42	84,454
Other industries,	17	891,568	720,146	217,655	527.01	291	122	413	333	501	1,330,774
Groton,	6	970,531	695,726	164,530	637.71	255	3	258	228	285	987,590
Hanover,	4	806,075	643,751	161,202	520.01	267	43	310	247	347	988,624
Hingham,	5	205,911	105,759	41,667	548.25	43	33	76	45	97	192,501
Hudson,	23	3,347,549	3,540,688	1,079,783	552.88	1,305	648	1,953	1,377	2,230	5,468,008
Kingston,	5	253,291	128,484	72,532	630.71	105	10	115	112	116	244,683
Lee,	15	1,729,704	978,403	485,711	549.45	634	250	884	811	960	1,907,057
Leicester,	10	1,527,813	945,760	370,095	490.19	455	300	755	581	870	1,776,090
Leominster,	76	5,641,459	4,738,576	3,443,153	498.20	3,159	1,745	4,904	3,713	5,916	9,537,419
Bread and other bakery products, . .	5	11,230	60,485	14,062	781.22	18	-	18	17	13	112,390
Combs and hairpins,	25	1,425,014	1,372,462	818,413	509.28	1,184	423	1,607	1,135	2,144	2,593,571
Cutlery and tools, not elsewhere specified,	3	16,407	3,171	10,237	787.46	13	-	13	9	15	28,945
Foundry and machine-shop products, .	4	37,188	5,875	18,645	776.88	24	-	24	21	28	33,767
Other industries,	39	4,151,620	3,290,583	1,581,796	487.91	1,920	1,322	3,242	2,530	3,711	6,758,746
Lexington,	5	265,783	200,773	47,862	613.62	62	16	78	73	80	339,106
Manchester,	5	68,290	22,516	17,638	705.52	23	2	25	21	29	64,647
Mansfield,	18	2,093,700	1,679,707	489,801	531.02	630	213	843	679	1,032	2,997,274
Marblehead,	23	525,629	630,000	391,192	516.08	457	301	758	650	943	1,189,710
Boots and shoes,	11	370,682	537,761	329,149	489.81	386	286	672	585	821	977,815
Other industries,	11	154,947	92,239	62,043	721.43	71	15	86	65	122	211,895

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

E. FOR 116 TOWNS: BY INDUSTRIES — Continued.

Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
	Average Number		Smallest Number	Greatest Number		
	Males	Females					Both Sexes
\$570.73	228	148	372	239	487	\$946,030
670.21	376	4	380	252	308	643,956
466.47	634	738	1,370	1,014	1,534	2,658,877
624.03	1,387	568	1,955	1,572	2,049	6,206,361
598.81	1,804	673	1,873	1,888	2,283	4,893,310
592.57	510	261	761	658	920	2,288,744
780.19	16	-	16	16	17	93,530
728.00	11	-	11	5	37	25,338
732.31	26	13	42	37	47	85,253
598.23	728	314	1,042	566	1,362	2,369,345
548.01	699	257	956	840	1,071	2,683,456
563.06	44	19	63	40	84	168,160
583.66	476	229	715	463	899	1,603,749
569.19	849	376	1,245	1,003	1,399	2,496,360
558.86	300	266	1,858	1,105	1,407	8,201,349
558.59	737	164	901	702	965	2,740,324
479.94	153	302	355	313	412	651,115
540.96	260	540	790	780	878	1,860,139
536.37	189	520	709	657	778	1,664,119
576.72	61	20	81	63	96	196,012

North Andover,	7	1,864,100	1,954,167	747,306	570.46	1,068	242	1,310	1,166	1,450	3,305,698
North Attleborough,	61	6,473,641	9,504,625	1,887,832	669.68	1,978	841	8,819	8,446	8,328	6,222,435
Bread and other bakery products,	3	12,175	26,430	9,317	847.00	11	-	11	11	11	46,384
Jewelry,	38	4,698,858	1,569,595	1,295,980	662.28	1,434	523	1,967	1,747	2,217	4,045,213
Other industries,	20	1,762,808	908,600	582,525	694.52	533	318	851	688	1,100	2,130,838
North Brookfield,	7	764,374	621,252	206,311	484.30	300	126	426	377	486	1,119,741
Northborough,	6	118,154	26,093	30,175	494.67	51	10	61	61	124	78,053
Northbridge,	10	6,503,061	2,072,843	2,033,652	556.40	3,126	529	3,655	3,318	3,835	5,179,679
Norton,	9	1,078,082	320,272	328,380	497.55	471	189	660	513	748	886,578
Norwood,	14	7,332,167	5,411,671	1,361,135	618.70	1,719	481	2,200	1,994	2,399	9,540,783
Orange,	20	2,744,145	1,080,958	714,098	624.21	957	187	1,144	1,096	1,212	2,699,154
Oxford,	9	1,089,894	1,039,490	857,510	485.09	580	917	757	717	866	1,704,480
Woolen and worsted goods,	5	569,757	474,793	207,293	459.63	298	153	451	483	555	900,582
Other industries,	4	520,137	557,637	150,217	525.23	222	64	286	234	311	803,898
Palmer,	12	2,546,825	2,868,230	1,243,040	470.31	1,774	869	2,643	2,510	2,755	4,935,883
Peabody,	69	15,325,433	13,064,697	8,446,631	578.49	5,483	475	6,968	5,357	6,768	19,465,879
Boot and shoe cut stock and findings,	8	72,507	65,159	36,461	392.05	31	62	93	78	120	128,744
Carriages and wagons and materials,	3	36,160	12,125	16,378	818.90	20	-	20	17	23	34,931
Leather, tanned, curried, and finished,	36	11,397,026	11,643,284	2,757,083	601.46	4,522	62	4,584	4,080	5,182	16,594,287
Other industries,	22	3,829,739	1,244,129	636,709	504.92	910	351	1,261	1,162	1,443	2,707,917
Pepperell,	10	1,967,358	1,897,093	809,876	554.34	449	110	559	549	647	2,538,433
Plainville,	5	501,651	227,627	245,634	634.71	244	143	387	256	521	756,120
Plymouth,	21	10,952,002	9,137,246	1,404,934	494.35	2,224	618	2,842	2,437	3,171	12,319,835
Randolph,	7	483,215	896,930	260,559	738.13	232	121	353	231	395	1,301,472
Reading,	15	1,091,372	1,970,246	235,783	590.93	273	126	399	331	452	2,425,393
Revere,	5	806,500	273,500	59,133	664.42	83	6	89	47	122	386,677

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Concluded.

E. FOR 116 TOWNS: BY INDUSTRIES — Concluded.

				Amount of Wages Paid during the Year	Average Yearly Earnings
Rockland,	18	22,317,730	24,323,093	21,455,132	8631.55
Boots and shoes,	5	1,304,364	3,638,378	1,323,555	689.71
Other industries,	10	452,808	697,315	101,576	590.56
Rockport,	13	1,140,451	314,213	497,417	690.23
Rowley,	7	297,515	308,915	76,363	471.31
Saugus,	5	1,204,901	374,971	130,090	546.50
Shelburne,	4	82,440	21,326	23,317	475.35
Shirley,	6	1,394,111	781,906	235,626	442.24
South Hadley,	11	1,433,187	1,017,733	295,204	533.04
Southbridge,	23	5,732,423	3,463,006	2,333,494	530.54
Spencer,	11	1,603,567	2,595,335	709,589	464.69
Stoneham,	19	1,833,742	2,172,812	602,396	536.43
Stoughton,	18	1,934,659	1,579,180	915,751	624.23
Swampscott,	3	10,670	6,312	3,265	540.33
Templeton,	16	1,572,544	1,018,573	441,900	544.91
Furniture,	7	700,003	276,006	226,865	537.59
Other industries,	9	878,541	740,546	215,035	562.93
Townsend,	6	641,721	277,060	137,656	617.90
Uxbridge,	10	1,960,617	1,476,378	505,233	483.00

Wakefield,	14	4,569,664	2,838,910	1,152,757	534.18	1,409	749	2,153	1,843	2,309	5,437,237
Walpole,	11	7,750,374	5,309,693	1,096,490	598.84	1,636	205	1,831	1,568	2,103	8,719,580
Ware,	13	2,117,957	2,382,685	1,080,538	445.58	1,290	1,135	2,425	2,344	2,488	4,075,921
Wareham,	9	1,106,831	508,043	382,130	599.89	603	34	637	502	775	1,120,255
Warren,	9	1,413,615	1,020,511	539,615	453.08	738	453	1,191	877	1,277	1,853,554
Watertown,	13	8,302,936	7,242,479	2,682,534	559.09	3,267	1,531	4,798	4,254	5,294	14,418,766
Wellesley,	4	612,583	361,562	124,319	562.53	115	106	221	202	243	573,987
West Springfield,	12	4,978,581	2,295,766	1,218,715	660.19	1,398	448	1,846	1,741	1,942	4,361,044
West Stockbridge,	5	116,968	59,659	53,682	521.18	103	-	103	80	122	139,674
Westborough,	12	799,942	1,119,083	350,387	546.63	323	318	641	416	879	1,789,225
Westfield,	74	7,461,339	3,556,000	9,001,998	559.18	2,986	653	3,579	3,058	4,036	8,322,948
Bread and other bakery products,	5	20,400	56,935	10,256	683.73	15	-	15	15	15	88,100
Tobacco manufactures,	18	287,497	196,706	136,147	533.91	111	144	255	224	285	510,506
Whips,	22	2,355,985	1,052,041	496,073	495.08	672	330	1,002	893	1,095	2,743,749
Other industries,	29	4,797,457	2,250,318	1,358,816	589.00	2,128	179	2,307	1,920	2,641	4,980,587
Westford,	13	1,541,163	9,131,543	443,080	531.97	529	305	834	690	1,035	8,881,915
Marble and stone work,	9	205,773	24,796	149,312	761.80	196	-	196	74	325	210,611
Other industries,	4	1,335,390	2,106,747	293,768	460.45	333	305	638	556	710	2,671,304
Weymouth,	31	5,759,337	5,506,758	1,409,554	630.11	1,672	565	2,237	1,777	2,654	8,344,066
Boot and shoe cut stock and findings,	5	137,102	246,658	36,821	449.04	65	17	82	74	103	312,926
Boots and shoes,	7	2,394,018	2,848,854	1,007,423	669.83	1,082	422	1,504	1,247	1,661	4,741,573
Boxes, fancy and paper,	3	105,049	75,824	39,639	435.59	42	49	91	82	102	158,722
Bread and other bakery products,	4	14,207	46,795	19,191	779.63	24	-	24	24	24	83,801
Other industries,	12	3,108,951	2,288,627	306,430	571.79	459	77	536	350	764	3,047,044
Whitman,	17	3,075,156	3,946,949	1,463,432	665.52	1,626	573	2,199	1,965	2,356	6,274,561
Williamsburg,	11	565,377	379,619	209,967	481.58	367	69	436	383	501	718,406
Winchendon,	18	2,717,335	1,258,217	626,610	490.31	1,022	256	1,278	1,076	1,431	2,532,584
Winchester,	15	2,119,140	3,255,268	644,739	592.05	994	95	1,089	938	1,328	4,698,171
All other towns,	345	59,455,637	39,307,344	13,349,217	508.72	18,753	7,488	26,241	22,900	29,434	65,863,992
Total for the towns,	2,174	\$358,249,506	\$249,170,100	\$93,746,129	\$545.47	123,299	48,565	171,864	146,185	194,806	\$433,267,819

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1912.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	8,271	608,590	\$235,553,704	\$1,596,734,445	\$667,429,563
Individual,	3,481	47,070	27,672,385	126,127,056	58,032,915
Firm,	1,588	58,961	33,515,430	169,385,043	69,080,752
Corporation,	3,184	497,654	271,865,635	1,289,282,498	535,357,177
Other, ¹	18	4,905	2,500,254	11,939,848	4,958,719
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.1	7.7	8.2	7.9	8.7
Firm,	19.2	9.7	10.0	10.6	10.4
Corporation,	38.5	81.8	81.0	80.8	80.2
Other, ¹	0.2	0.8	0.8	0.7	0.7
Automobiles, including bodies and parts,	57	3,654	2,825,495	9,649,259	5,519,200
Individual,	13	185	139,328	398,969	258,750
Firm,	10	247	180,461	652,171	367,682
Corporation,	34	3,222	2,505,706	8,598,119	4,892,768
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	22.8	5.1	4.9	4.1	4.7
Firm,	17.5	6.7	6.4	6.8	6.7
Corporation,	59.7	88.2	88.7	89.1	88.6
Boots and shoes, exclusive of cut-stock and findings,	460	81,952	49,596,284	200,489,037	83,829,452
Individual,	143	8,130	4,941,842	19,412,769	8,269,457
Firm,	129	15,122	9,505,437	40,263,315	16,296,739
Corporation,	188	58,710	35,149,005	149,812,953	59,263,256
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.1	9.9	10.0	9.3	9.9
Firm,	28.0	18.5	19.1	19.2	19.4
Corporation,	40.9	71.6	70.9	71.5	70.7
Boot and shoe cut stock and findings,	366	8,656	4,301,517	52,149,427	10,801,749
Individual,	170	2,575	1,313,189	12,544,275	3,335,412
Firm,	119	2,799	1,276,469	19,284,753	3,619,540
Corporation,	77 ²	3,282	1,711,859	20,320,399	3,846,797
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	46.4	29.8	30.5	24.0	30.9
Firm,	32.5	32.3	29.7	37.0	33.5
Corporation,	21.1 ³	37.9	39.8	39.0	35.6
Bread and other bakery products,	823	6,868	4,000,297	23,470,592	12,716,205
Individual,	649	2,236	1,584,228	10,685,756	4,503,470
Firm,	134	1,278	821,670	5,511,230	2,230,969
Corporation,	40	3,354	1,594,399	12,273,606	5,981,766
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	78.8	32.6	39.6	37.5	35.4
Firm,	16.3	18.6	20.5	19.4	17.6
Corporation,	4.9	48.8	39.9	43.1	47.0
Clothing, men's, including shirts,	207	7,745	3,975,045	21,868,420	10,489,913
Individual,	104	2,196	1,110,992	3,401,569	2,038,606
Firm,	57	1,758	932,737	4,701,892	2,306,079
Corporation,	46	3,791	1,931,316	13,764,959	6,145,228
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	50.2	28.4	27.9	15.6	19.4
Firm,	27.6	22.7	23.5	21.5	22.0
Corporation,	22.2	48.9	48.6	62.9	58.6

¹ Voluntary associations and co-operative societies.² Includes one association in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	173	5,674	\$2,723,954	\$12,543,543	\$5,397,070
Individual,	69	1,547	729,040	3,497,726	1,627,189
Firm,	63	2,016	1,038,641	4,672,754	2,135,656
Corporation,	41	2,111	956,273	4,373,063	2,134,225
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.9	27.3	26.8	27.9	27.6
Firm,	36.4	35.5	38.1	37.2	36.2
Corporation,	23.7	37.2	35.1	34.9	36.2
Confectionery,	116	6,794	2,466,460	13,906,300	6,563,942
Individual,	47	449	203,664	1,173,271	473,360
Firm,	24	408	144,779	1,005,060	434,168
Corporation,	45	5,937	2,117,966	16,728,449	5,661,414
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	40.5	6.6	8.2	6.2	7.2
Firm,	20.7	6.0	5.9	5.3	6.6
Corporation,	38.8	87.4	85.9	88.5	86.2
Cotton goods, including cotton small wares,	193	112,334	43,943,723	139,610,323	73,931,372
Individual,	8	351	165,195	840,810	430,426
Firm,	14	1,989	839,287	3,645,380	1,299,750
Corporation,	171 ¹	110,044	47,939,246	184,524,633	72,201,196
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.1	0.3	0.3	0.5	0.6
Firm,	7.3	1.8	1.7	1.9	1.7
Corporation,	88.6 ¹	97.9	98.0	97.6	97.7
Cutlery and tools, not elsewhere specified,	125	6,632	4,115,873	12,136,339	3,819,493
Individual,	55	714	466,612	1,325,342	952,280
Firm,	20	133	84,272	244,743	165,453
Corporation,	60 ¹	5,835	3,564,994	10,566,804	7,701,760
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	40.7	10.7	11.3	10.9	10.8
Firm,	14.8	2.0	2.1	2.0	1.9
Corporation,	44.5 ¹	87.3	86.6	87.1	87.3
Electrical machinery, apparatus, and supplies,	73	20,317	12,645,325	47,954,936	25,650,041
Individual,	14	357	167,292	786,388	385,426
Firm,	4	60	38,547	229,008	81,297
Corporation,	60	19,900	12,439,986	46,949,540	25,183,318
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	18.0	1.8	1.3	1.6	1.5
Firm,	5.1	0.3	0.3	0.5	0.3
Corporation,	76.9	97.9	98.4	97.9	98.2
Foundry and machine-shop products,²	743	45,543	30,192,326	39,270,230	56,043,141
Individual,	254	2,999	2,000,436	6,328,598	3,911,839
Firm,	104	1,681	1,090,460	3,568,945	2,213,754
Corporation,	390 ³	40,863	27,101,930	79,372,737	49,922,548
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	34.0	6.6	6.6	7.1	7.0
Firm,	13.9	3.7	3.6	4.0	3.9
Corporation,	52.1 ³	89.7	89.8	88.9	89.1

¹ Includes one association in order to avoid disclosing individual operations.² Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; saddlery hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.³ Includes three associations, in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	124	7,708	\$4,426,868	\$14,825,715	\$3,128,835
Individual,	37	904	535,674	1,781,289	1,117,381
Firm,	32	1,106	603,026	2,179,931	1,285,845
Corporation,	55	5,698	3,198,108	10,364,495	5,725,609
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	29.8	11.7	12.1	12.4	13.7
Firm,	25.8	14.4	15.7	15.2	15.8
Corporation,	44.4	73.9	72.2	72.4	70.5
Hosiery and knit goods,	62	10,124	4,381,708	16,067,694	7,581,308
Individual,	14	261	114,508	599,896	237,064
Firm,	10	838	366,651	2,306,537	1,016,057
Corporation,	38	9,035	3,902,544	13,161,261	6,328,187
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	22.6	2.6	2.6	3.7	3.1
Firm,	16.1	8.3	8.4	14.4	13.4
Corporation,	61.3	89.1	89.0	81.9	83.5
Jewelry,	153	7,630	4,708,251	16,528,140	9,630,906
Individual,	38	1,082	674,343	2,298,930	1,310,987
Firm,	54	2,440	1,554,700	5,693,663	3,412,377
Corporation,	61 ¹	4,108	2,539,208	8,535,547	4,957,545
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	24.8	14.2	14.1	13.9	13.5
Firm,	35.3	32.0	32.6	34.4	35.3
Corporation,	39.9 ¹	53.8	53.3	51.7	51.2
Leather, tanned, curried, and finished,	126	11,372	6,625,875	51,967,780	14,634,237
Individual,	42	1,657	944,154	4,110,976	1,769,955
Firm,	25	1,438	788,679	5,474,014	1,879,747
Corporation,	59	8,277	4,892,542	42,402,790	10,984,585
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.3	14.6	14.3	7.9	12.1
Firm,	19.9	12.6	11.9	10.5	12.8
Corporation,	46.8	72.8	73.8	81.6	75.1
Musical instruments, pianos and organs, and materials,	50	4,125	2,654,142	8,630,130	5,085,906
Individual,	15	115	75,293	333,446	188,176
Firm,	4	60	34,836	94,147	60,826
Corporation,	31	3,950	2,544,013	8,210,546	4,836,004
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.0	2.8	2.8	3.9	3.7
Firm,	8.0	1.4	1.3	1.1	1.2
Corporation,	62.0	95.8	95.9	95.0	95.1
Paper and wood pulp,	91	14,085	7,791,973	47,228,649	13,227,313
Individual,	5	622	381,622	3,519,972	1,567,437
Firm,	9	1,128	603,665	3,684,624	1,600,396
Corporation,	77 ¹	12,346	6,806,686	40,023,453	15,059,480
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	5.5	4.4	4.9	7.5	8.6
Firm,	9.9	8.0	7.7	7.8	8.8
Corporation,	84.6 ¹	87.6	87.4	84.7	82.6

¹ Includes one association, in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meat packing, including sausage, .	85	3,432	\$1,942,125	\$50,637,311	\$5,992,390
Individual,	47	174	120,180	1,984,758	437,953
Firm,	14	77	58,431	1,602,508	351,841
Corporation,	24	3,181	1,763,514	46,960,045	5,202,596
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	55.3	5.1	6.2	3.9	7.3
Firm,	16.5	2.2	3.0	3.3	5.9
Corporation,	28.2	92.7	90.8	92.8	86.8
Woolen, worsted, and felt goods and wool hats, .	182	55,839	27,085,308	132,259,253	51,861,198
Individual,	26	2,382	1,200,162	5,652,181	2,432,000
Firm,	23	4,576	2,222,278	11,084,816	4,297,360
Corporation,	133 ¹	48,131	23,643,468	121,513,256	45,131,838
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	14.3	4.3	4.4	4.1	4.7
Firm,	12.6	8.3	8.2	8.0	8.3
Corporation,	73.1 ¹	87.4	87.4	87.9	87.0

¹ Includes one association, in order to avoid disclosing individual operations.

TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912.

Decem- ber	633,739	432,100	300,690	597	297	247	221	4,365	4,234	41	408	203	96
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	199	196	202	203	190	192	193	200	208	204	202	197	207
Baskets, and Rattan and Willow Ware.													
Males,	193	190	196	202	185	188	188	196	202	198	196	191	201
Females,	6	6	6	6	5	4	4	4	6	6	6	6	6
Belt and Hose, Leather.													
Males,	1,163	1,104	1,190	1,146	1,147	1,153	1,161	1,144	1,141	1,160	1,196	1,205	1,258
Females,	1,116	1,067	1,080	1,106	1,104	1,108	1,115	1,095	1,092	1,111	1,147	1,157	1,210
	46	37	40	41	43	45	46	49	49	49	49	48	48
Belt and Hose, Woven.													
Males,	183	176	173	183	187	191	196	202	180	176	177	179	179
Females,	99	96	97	102	104	103	110	111	97	94	96	96	93
	83	80	75	80	83	88	86	91	83	82	82	83	86
Bicycles, Motorcycles, and Parts.													
Males,	1,546	1,536	1,546	1,636	1,644	1,676	1,688	1,693	1,680	1,335	1,336	1,362	1,460
Females,	1,542	1,521	1,542	1,621	1,638	1,672	1,685	1,689	1,678	1,321	1,332	1,356	1,454
	4	5	4	5	6	4	3	4	2	4	4	6	6
Billiard Tables and Materials.													
Males,	27	30	30	29	28	27	27	26	26	28	29	29	30
Females,	27	30	30	29	28	27	27	26	26	28	28	28	29
	-	-	-	-	-	-	-	-	-	-	1	1	1
Blacking.													
Males,	518	414	418	468	515	551	559	566	554	557	553	531	536
Females,	227	208	210	217	232	231	231	229	231	235	238	233	241
	291	206	208	243	283	320	328	337	323	322	315	298	295
Bookbinding and Blank-Book Making.													
Males,	2,333	2,335	2,246	2,270	2,280	2,270	2,237	2,423	2,393	2,312	2,355	2,353	2,351
Females,	1,211	1,175	1,186	1,196	1,196	1,194	1,233	1,229	1,220	1,206	1,214	1,229	1,237
	1,112	1,060	1,060	1,075	1,084	1,076	1,114	1,199	1,173	1,106	1,141	1,123	1,114

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

	Decem- ber
Boat	8,857
Males,	5,808
Femal	2,859
Males,	84,857
Femal	55,206
	29,731
Males,	8,225
Femal	5,329
	3,903
Males,	170
Femal	85
	85
Males,	4,403
Femal	1,496
	2,906
Males,	3,729
Femal	2,424
	355

Brass and Bronze Products.		9,198	9,081	9,066	9,000	9,065	9,123	9,950	9,907	9,905	9,977	9,976	9,969	9,949
Males,	.	2,152	1,989	2,025	2,050	2,025	2,083	2,209	2,266	2,264	2,337	2,236	2,220	2,207
Females,	.	40	42	41	40	40	40	41	41	41	40	40	42	42
Bread and Other Bakery Products.		6,868	6,401	6,471	6,698	6,717	6,826	6,987	7,069	7,075	6,995	7,005	7,104	7,067
Males,	.	5,448	5,195	5,241	5,321	5,349	5,430	5,524	5,583	5,592	5,547	5,515	5,529	5,516
Females,	.	1,420	1,206	1,230	1,377	1,368	1,395	1,463	1,486	1,483	1,448	1,490	1,575	1,551
Brick and Tile.		913	908	925	930	691	1,480	1,621	1,549	1,506	1,387	1,008	621	394
Males,	.	913	208	225	330	691	1,480	1,621	1,549	1,506	1,287	1,008	621	394
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Brooms.		117	117	120	117	117	114	112	108	110	115	119	122	118
Males,	.	109	108	111	109	108	105	104	100	102	107	112	114	110
Females,	.	8	9	9	8	9	9	8	8	8	8	7	8	8
Brushes.		1,607	1,660	1,600	1,613	1,612	1,596	1,525	1,485	1,482	1,559	1,637	1,715	1,748
Males,	.	651	620	651	661	658	644	631	620	624	629	646	681	689
Females,	.	956	1,000	949	952	954	952	894	865	858	930	991	1,034	1,059
Butter.		43	43	41	41	43	44	45	44	44	44	45	45	43
Males,	.	43	43	41	41	43	44	45	44	44	44	43	43	43
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons.		692	689	676	675	645	651	624	671	680	698	800	730	753
Males,	.	328	322	322	311	300	311	289	332	337	349	390	323	338
Females,	.	364	360	354	364	345	340	335	339	343	349	410	407	415

Cars and General Shop Construction and Repairs by Steam-Railroad Companies.		5,569	5,524	5,570	5,591	5,460	5,445	5,410	5,381	5,526	5,595	5,708	5,806	5,913
Males,	.	5,546	5,501	5,547	5,568	5,437	5,422	5,387	5,253	5,503	5,572	5,685	5,783	5,890
Females,	.	23	23	23	23	23	23	23	23	23	23	23	23	23
Chemicals.		1,315	1,259	1,354	1,388	1,325	1,300	1,343	1,364	1,349	1,375	1,392	1,359	1,343
Males,	.	1,228	1,166	1,170	1,201	1,238	1,267	1,251	1,199	1,251	1,282	1,292	1,274	1,262
Females,	.	87	86	84	87	87	93	92	65	91	93	100	85	80
Cleansing and Polishing Preparations.		70	63	63	66	73	74	76	70	68	73	70	69	57
Males,	.	43	40	40	40	45	43	45	47	45	42	39	38	39
Females,	.	27	23	23	26	28	31	31	23	23	31	31	31	18
Clocks.		279	273	275	275	270	274	276	274	263	277	291	293	295
Males,	.	243	238	241	242	238	239	241	239	229	240	254	254	255
Females,	.	36	35	34	33	32	35	35	35	33	37	37	39	39
Cloth, Sponging and Refinishing.		43	46	45	43	49	41	49	45	44	43	46	44	44
Males,	.	43	46	45	43	42	41	42	45	44	43	46	44	44
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.		5,873	5,535	5,638	5,816	5,859	5,814	5,783	5,658	5,779	5,123	5,917	5,117	5,031
Males,	.	2,813	2,605	2,669	2,733	2,759	2,742	2,745	2,718	2,819	2,981	2,981	2,917	2,877
Females,	.	3,060	2,930	2,969	3,083	3,100	3,072	3,038	2,940	2,960	3,147	3,236	3,200	3,154
Clothing, Women's.		5,674	5,419	5,781	5,077	5,173	5,981	5,811	4,391	5,054	5,573	5,087	5,359	5,515
Males,	.	1,382	1,278	1,389	1,497	1,528	1,473	1,370	1,223	1,336	1,403	1,458	1,329	1,227
Females,	.	4,292	4,141	4,392	4,580	4,644	4,508	4,441	3,668	3,718	4,170	4,569	4,510	4,288

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Coffee and Spice, Roasting and Grinding.													
Males,	385	388	380	387	389	388	374	380	387	384	398	391	385
Females,	239	238	241	240	244	243	236	233	240	237	239	237	236
	146	144	139	147	145	145	138	147	147	147	159	154	149
Coffins, Burial Cases, and Undertakers' Goods.													
Males,	371	378	377	380	371	377	368	364	368	364	372	374	367
Females,	326	330	328	332	324	333	323	321	324	319	328	331	323
	45	48	49	48	47	44	45	43	42	45	44	43	44
Combs and Hairpins.													
Males,	8,144	1,997	1,887	1,845	1,855	1,855	2,010	2,036	2,155	2,434	2,537	2,623	2,443
Females,	1,575	1,507	1,413	1,402	1,371	1,372	1,452	1,484	1,595	1,785	1,824	1,893	1,765
	569	490	474	443	484	483	558	552	560	639	713	730	677
Confectionery.													
Males,	6,794	6,303	6,608	6,639	6,311	6,093	6,253	5,783	6,760	7,637	7,873	7,943	7,370
Females,	1,766	1,713	1,736	1,749	1,672	1,621	1,628	1,511	1,707	1,915	2,009	2,027	1,949
	5,028	4,590	4,872	4,890	4,639	4,472	4,625	4,272	5,053	5,722	5,864	5,916	5,421
Cooperage.													
Males,	778	808	814	801	807	779	732	724	728	764	772	783	787
Females,	770	800	806	793	799	771	724	718	722	756	764	775	779
	8	8	8	8	8	8	8	6	6	8	8	8	8

Copper, Tin, and Sheet-Iron Products.		2,588	2,494	2,468	2,547	2,559	2,601	2,578	2,571	2,551	2,639	2,678	2,644	2,632	2,644	2,632	2,632
Males,	.	2,273	2,211	2,177	2,226	2,223	2,257	2,253	2,253	2,265	2,313	2,362	2,333	2,362	2,333	2,305	2,305
Females,	.	315	283	291	321	336	344	325	318	286	326	316	311	316	311	327	327
Gordage and Twine.																	
Males,	.	2,560	2,507	2,696	2,677	2,680	2,696	2,639	2,612	2,493	2,495	2,393	2,463	2,393	2,463	2,554	2,554
Females,	.	2,029	1,985	2,104	2,153	2,165	2,154	2,101	2,085	1,907	1,894	1,861	1,933	1,861	1,933	2,011	2,011
	.	531	522	522	524	525	542	538	527	516	531	532	530	532	530	543	543
Gordials and Sirups.																	
Males,	.	93	73	73	75	89	107	109	112	103	96	98	92	98	92	81	81
Females,	.	52	43	45	46	57	56	63	69	58	52	47	45	47	45	43	43
	.	41	30	28	29	32	51	46	43	45	44	51	47	51	47	38	38
Corsets.																	
Males,	.	2,813	2,663	2,707	2,771	2,770	2,776	2,796	2,769	2,778	2,893	2,922	2,997	2,922	2,997	2,936	2,936
Females,	.	285	274	275	286	280	279	279	284	284	290	295	300	295	300	301	301
	.	2,528	2,389	2,432	2,485	2,490	2,497	2,517	2,475	2,494	2,603	2,627	2,697	2,627	2,697	2,635	2,635
Cotton Goods.																	
Males,	.	111,491	110,893	109,996	111,876	107,060	112,939	113,177	109,797	105,064	111,303	114,958	115,589	114,958	115,589	115,982	115,982
Females,	.	60,173	60,133	59,489	60,414	57,742	60,783	61,062	59,363	56,728	60,182	61,537	62,386	61,537	62,386	62,608	62,608
	.	51,248	50,760	50,507	51,461	49,318	52,156	52,115	50,434	48,336	51,121	52,721	53,196	52,721	53,196	53,324	53,324
Cotton Small Wares.																	
Males,	.	963	986	919	971	963	991	980	892	969	962	976	985	976	985	981	981
Females,	.	416	395	405	423	419	414	412	398	415	419	423	431	423	431	418	418
	.	547	531	514	548	544	577	568	494	554	543	553	554	553	554	563	563
Cutlery and Tools, not Elsewhere Specified.																	
Males,	.	6,682	6,658	6,792	6,622	6,579	6,570	6,696	6,429	6,550	6,624	6,784	6,839	6,784	6,839	6,925	6,925
Females,	.	5,968	5,783	5,920	5,919	5,950	5,909	5,959	5,800	5,866	5,963	6,073	6,181	6,073	6,181	6,214	6,214
	.	714	875	872	703	629	761	667	639	684	721	711	708	711	708	711	711

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

	December												
	10,714	10,196	10,110	10,781	10,780	10,808	10,917	10,815	10,868	10,585	10,710	10,804	11,083
Dyeing and Finishing Textiles.													
Males,	8,486	8,015	7,960	8,544	8,503	8,583	8,634	8,800	8,701	8,480	8,504	8,665	8,782
Females,	2,321	2,111	2,150	2,237	2,277	2,224	2,283	2,215	2,151	2,165	2,204	2,238	2,300
Dyestuffs and Extracts.													
Males,	118	113	123	117	109	112	106	106	103	103	111	123	118
Females,	112	113	123	117	109	112	106	103	106	106	111	122	118
Electrical Machinery, Apparatus, and Supplies.													
Males,	20,317	19,074	19,139	19,338	19,008	19,918	20,326	20,110	20,810	20,200	21,106	21,038	21,799
Females,	16,370	15,237	15,343	15,383	15,503	15,731	16,086	16,254	16,549	16,768	17,095	17,553	17,764
	4,047	3,847	3,946	3,949	4,003	4,183	4,189	3,836	4,061	4,033	4,103	4,079	4,085

Electroplating.		229	220	224	218	216	215	221	220	220	223	220
Males,	.	215	208	212	208	204	203	208	215	231	241	263
Females,	.	14	12	12	10	12	12	13	15	19	23	18
Emery and Other Abrasive Wheels.		206	784	791	859	890	903	913	960	998	1,055	1,090
Males,	.	884	767	774	839	869	882	899	927	975	1,031	1,066
Females,	.	21	17	17	20	21	20	23	23	23	24	24
Enameling and Japanning.		126	107	121	109	117	128	134	136	139	137	130
Males,	.	80	64	75	72	80	82	87	86	84	82	83
Females,	.	45	43	46	37	37	46	47	50	55	55	47
Engraving and Diesinking.		181	196	190	185	178	164	160	174	186	186	180
Males,	.	143	155	151	146	139	128	128	136	141	145	152
Females,	.	38	41	39	39	39	36	32	38	45	41	38
Envelopes.		3,076	1,385	3,013	3,101	3,130	3,090	3,064	3,099	3,114	3,113	3,084
Males,	.	692	666	668	709	721	709	685	690	694	696	695
Females,	.	1,384	1,319	1,344	1,392	1,409	1,381	1,379	1,410	1,420	1,417	1,389
Fancy Articles, not elsewhere specified.		283	316	347	385	371	371	338	319	335	334	323
Males,	.	90	73	78	86	88	85	95	100	104	103	95
Females,	.	192	143	169	199	183	186	193	219	231	231	187
Felt Goods.		756	771	753	767	759	776	707	731	755	774	776
Males,	.	639	655	642	644	635	653	605	611	633	644	645
Females,	.	117	116	110	123	124	123	102	120	122	130	131

Furnishing Goods, Men's.		401	318	379	410	386	373	361	348	398	408	488	478	467
Males,	.	69	62	63	66	68	69	71	70	65	62	68	75	72
Females,	.	332	256	309	344	318	304	290	278	333	346	370	403	395
Furniture.		7,589	7,383	7,500	7,683	7,590	7,802	7,988	7,133	7,383	7,684	7,955	8,138	8,150
Males,	.	6,934	6,709	6,800	6,961	6,868	6,721	6,667	6,523	6,762	6,968	7,238	7,424	7,444
Females,	.	655	614	640	662	662	641	615	610	621	656	717	714	706
Galvanizing.		14	18	13	16	16	15	15	17	17	16	11	7	5
Males,	.	14	12	13	16	16	15	15	17	17	16	11	7	5
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.		120	186	124	128	124	125	126	119	139	136	140	140	148
Males,	.	129	125	123	127	123	124	125	118	131	135	139	139	141
Females,	.	1	1	1	1	1	1	1	1	1	1	1	1	1
Glass Cutting, Staining, and Ornamenting.		236	241	233	238	234	236	225	216	239	238	251	256	267
Males,	.	224	226	217	223	221	213	212	205	221	227	240	246	247
Females,	.	12	15	15	15	13	13	13	11	11	11	11	10	10
Glue.		563	601	595	586	597	604	565	505	472	526	575	596	525
Males,	.	448	475	470	468	480	480	428	410	391	441	454	465	400
Females,	.	115	126	125	118	117	124	137	95	81	85	121	131	125
Gold and Silver, Leaf and Foll.		134	156	136	138	135	133	131	128	120	130	135	143	143
Males,	.	73	73	74	76	73	72	72	71	65	69	70	78	73
Females,	.	61	63	62	62	62	61	59	57	55	61	65	65	70

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Gold and Silver, Reducing and Refining, not from the Ore.	108	106	101	104	103	107	103	104	107	111	110	110	108
Males,	87	85	84	83	84	86	86	86	87	92	91	91	90
Females,	19	21	17	21	19	21	17	18	20	19	19	19	18
Grease and Tallow.	665	665	676	670	667	660	665	670	665	653	669	669	660
Males,	651	652	659	653	659	647	650	651	646	640	653	657	647
Females,	14	13	17	17	8	13	15	19	19	13	16	12	13
Hand-Knit Goods.	8	8	8	9	7	6	6	6	6	6	6	6	5
Males,	6	4	4	5	5	5	5	5	5	5	5	4	4
Females,	2	4	4	4	2	1	1	1	1	1	1	1	1
Hand Stamps and Stencils and Brands.	109	107	110	108	108	111	109	108	104	107	108	113	115
Males,	91	91	94	92	89	91	90	91	88	89	90	94	96
Females,	18	16	16	16	19	20	19	17	16	18	18	19	19
Hardware.	1,723	1,653	1,649	1,655	1,739	1,747	1,707	1,678	1,684	1,683	1,758	1,876	1,818
Males,	1,623	1,563	1,545	1,555	1,642	1,658	1,612	1,576	1,585	1,576	1,653	1,763	1,706
Females,	100	90	104	100	97	89	95	102	99	107	105	112	112

Hats and Caps, Other than Felt, Straw, and Wool.		292	271	288	307	305	311	295	270	291	294	305	299	276
Males,	.	207	192	207	220	221	223	209	191	204	205	210	205	190
Females,	.	85	79	81	87	84	88	86	79	87	89	95	94	86
Hats, Felt.		1,471	1,554	1,708	1,695	1,325	796	1,227	1,465	1,624	1,655	1,340	1,363	1,517
Males,	.	917	899	988	995	689	563	785	981	1,111	1,122	1,215	842	821
Females,	.	554	655	718	700	536	233	442	484	513	533	625	521	696
Hats, Straw.		3,000	4,690	4,643	4,522	4,131	1,771	1,508	1,431	2,086	2,308	2,290	2,728	4,033
Males,	.	1,192	1,532	1,572	1,554	1,408	786	727	780	1,153	1,277	1,164	1,061	1,312
Females,	.	1,808	3,058	3,070	2,968	2,723	1,015	775	641	933	1,031	1,056	1,667	2,721
Hats, Wool.		636	402	472	657	618	707	703	706	743	757	778	641	430
Males,	.	465	273	325	470	423	530	518	515	561	576	610	473	301
Females,	.	171	129	147	187	190	187	185	191	187	181	168	168	129
Hosiery and Knit Goods.		10,134	9,247	10,152	10,250	10,326	10,108	10,057	9,859	9,501	10,091	10,440	10,485	10,563
Males,	.	3,047	3,025	3,075	3,085	3,102	2,990	3,008	2,953	2,836	3,027	3,135	3,146	3,116
Females,	.	7,087	6,222	7,077	7,165	7,224	7,118	7,049	6,906	6,665	7,064	7,305	7,279	7,247
House-Furnishing Goods, not elsewhere Specified.		635	479	524	617	712	763	745	573	590	628	666	684	646
Males,	.	457	343	376	458	533	580	560	400	406	443	469	454	446
Females,	.	178	136	148	159	179	183	185	173	184	185	197	210	200
Instruments, Professional and Scientific.		575	598	596	609	601	560	521	557	549	573	520	567	640
Males,	.	512	535	533	546	537	492	453	492	482	510	467	504	571
Females,	.	63	63	63	63	64	68	68	65	64	63	53	63	69

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Iron and Steel, Steel Works and Rolling Mills.													
Males,	3,081	3,004	2,992	2,980	2,966	3,000	2,947	2,919	3,055	3,161	3,331	3,340	3,358
Females,	2,948	2,881	2,865	2,866	2,848	2,880	2,816	2,787	2,910	3,023	3,094	3,186	3,209
	133	123	127	124	118	120	131	132	145	138	137	154	149
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.													
Males,	1,311	1,313	1,300	1,276	1,285	1,283	1,284	1,245	1,296	1,328	1,358	1,379	1,391
Females,	895	875	875	864	876	875	888	860	914	917	920	930	945
	416	438	425	412	409	408	396	385	382	411	438	449	446
Iron and Steel Forgings.													
Males,	555	471	493	510	532	543	554	561	570	592	598	615	624
Females,	555	471	493	510	532	543	554	561	570	592	598	615	624
	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron and Steel, Nails and Spikes, Cut and Wrought, Including Wire Nails, not made in Steel Works or Rolling Mills.													
Males,	1,148	1,156	1,159	1,149	1,113	1,098	1,101	1,115	1,125	1,133	1,143	1,193	1,186
Females,	873	882	885	873	853	846	848	852	870	867	867	913	898
	269	274	274	276	260	252	253	263	255	266	265	280	287

Ivory, Shell, and Bone Work, not In- cluding Combs and Hairpins.	Males,	94	73	71	93	88	103	106	84	95	117	103	106
	Females,	13	7	7	12	8	16	17	10	14	21	16	18
Jewelry.													
Males,		7,630	7,969	7,491	7,370	7,183	7,386	7,317	7,180	7,190	8,221	8,096	8,043
Females,		5,080	5,302	4,975	4,901	4,732	4,902	4,886	4,800	4,980	5,439	5,415	5,365
		2,550	2,667	2,516	2,469	2,390	2,424	2,431	2,380	2,510	2,782	2,681	2,677
Jewelry and Instrument Cases.													
Males,		276	277	243	233	243	252	256	255	259	310	318	300
Females,		87	75	76	72	75	80	82	82	82	102	106	96
		188	202	172	166	173	172	174	173	177	208	212	204
Kaolin and Ground Earths.													
Males,		65	61	61	63	65	64	63	61	63	70	71	68
Females,		65	61	61	63	65	64	62	61	63	70	71	68
		-	-	-	-	-	-	-	-	-	-	-	-
Labels and Tags.													
Males,		22	21	21	21	21	20	20	23	21	21	21	22
Females,		17	17	17	17	17	16	16	18	16	16	16	16
		5	4	4	4	4	4	4	5	5	5	5	6
Lamps and Reflectors.													
Males,		406	385	390	398	379	373	393	406	413	423	415	451
Females,		382	365	367	375	355	349	371	386	393	396	394	423
		24	20	23	23	24	23	21	20	19	30	21	28
Lasts.													
Males,		884	950	917	881	831	841	857	852	864	890	938	956
Females,		883	950	917	881	831	839	855	849	861	889	931	955
		1	-	-	-	-	2	2	3	3	1	1	1

Liquors, Malt.		1,885	1,791	1,738	1,813	1,839	1,867	1,954	2,016	1,974	1,940	1,910	1,868	1,853
Males,	.	1,872	1,779	1,776	1,800	1,826	1,854	1,940	2,002	1,960	1,926	1,897	1,849	1,840
Females,	.	13	12	12	13	13	13	14	14	14	14	13	14	13
Looking-Glass and Picture Frames.		229	217	223	229	225	224	212	210	207	222	246	257	254
Males,	.	212	202	207	207	208	206	202	194	192	209	227	236	235
Females,	.	17	15	15	15	17	18	16	16	15	13	19	21	19
Lumber and Timber Products.		605	560	584	603	587	554	467	513	651	670	675	678	687
Males,	.	594	551	572	590	576	543	458	508	640	659	664	667	677
Females,	.	11	9	12	12	11	11	9	10	11	11	11	11	10
Lumber, Planing-Mill Products.		3,333	3,120	3,115	3,143	3,225	3,309	3,366	3,400	3,464	3,507	3,460	3,400	3,399
Males,	.	3,316	3,122	3,107	3,140	3,217	3,301	3,359	3,393	3,457	3,500	3,453	3,393	3,392
Females,	.	7	7	8	8	8	8	7	7	7	7	7	7	7
Marble and Stone Work.		3,336	2,654	2,548	2,843	3,071	3,408	3,801	3,858	3,879	3,824	3,607	3,512	3,953
Males,	.	3,326	2,654	2,548	2,842	3,071	3,408	3,801	3,858	3,879	3,824	3,607	3,512	3,953
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.		718	643	661	693	703	737	783	774	743	769	741	711	676
Males,	.	564	495	518	545	552	581	616	610	587	599	580	558	532
Females,	.	154	147	143	148	151	156	167	164	155	160	161	153	144
Millinery and Lace Goods.		1,707	1,773	1,937	2,063	1,961	1,536	1,393	1,364	1,464	1,663	1,763	1,795	1,990
Males,	.	311	319	341	351	334	269	242	267	312	340	336	309	316
Females,	.	1,396	1,454	1,596	1,712	1,617	1,257	1,051	997	1,152	1,323	1,427	1,486	1,604

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Mineral and Soda Waters.													
Males,	496	308	313	353	444	498	579	661	533	407	349	308	303
Females,	423	305	309	350	440	493	574	655	577	404	346	305	299
	3	3	3	3	4	5	5	6	5	3	3	3	3
Models and Patterns, not Including Paper Patterns.													
Males,	414	414	413	388	384	390	451	447	455	393	393	401	440
Females,	397	398	397	373	369	377	432	426	434	376	374	382	423
	17	16	16	15	15	13	19	21	21	17	18	19	17
Monuments and Tombstones.													
Males,	1,303	1,055	1,106	1,259	1,364	1,459	1,398	1,393	1,411	1,389	1,329	1,373	1,184
Females,	1,303	1,055	1,106	1,259	1,364	1,459	1,398	1,392	1,411	1,389	1,329	1,272	1,184
	-	-	-	-	-	-	-	-	-	-	-	-	-
Mucilage and Paste.													
Males,	102	106	109	106	104	108	99	94	96	94	108	101	104
Females,	80	83	82	79	79	80	79	74	75	77	79	80	82
	22	23	27	26	25	22	20	20	20	17	23	21	22
Musical Instruments and Materials, not Specified.													
Males,	153	143	143	147	149	146	145	147	143	155	159	158	160
Females,	130	128	129	128	126	126	125	126	124	131	135	138	140
	22	20	19	19	20	20	20	21	24	24	24	20	20

Musical Instruments, Pianos and Organs, and Materials.	4,185	4,184	4,330	4,308	4,331	4,155	3,787	3,990	4,103	4,113	4,131	4,167	4,133
	3,831	3,863	3,896	3,973	3,891	3,844	3,475	3,692	3,824	3,832	3,830	3,888	3,845
	304	321	324	339	330	311	312	298	282	280	291	279	277
Oil, not elsewhere Specified.	310	307	307	311	306	313	317	310	308	303	315	313	305
	300	296	296	301	297	302	305	301	300	295	306	302	296
	10	11	11	10	9	10	12	9	8	8	9	11	9
Optical Goods.	2,631	2,516	2,656	2,646	2,631	2,654	2,650	2,624	2,619	2,613	2,639	2,623	2,573
	1,869	1,790	1,824	1,890	1,892	1,892	1,900	1,943	1,893	1,871	1,872	1,851	1,814
	752	726	832	756	739	763	739	676	726	747	767	773	753
Paints and Varnishes.	541	524	531	544	543	547	541	540	533	541	549	543	540
	504	486	493	505	500	503	503	507	501	503	512	504	501
	37	38	38	39	42	39	38	33	32	33	37	39	39
Paper and Wood Pulp.	14,096	13,669	13,311	13,991	13,991	13,974	14,333	14,375	14,007	14,168	14,330	14,375	14,344
	9,508	9,128	9,234	9,237	9,263	9,323	9,671	9,693	9,654	9,692	9,739	9,663	9,708
	4,583	4,541	4,577	4,704	4,668	4,651	4,652	4,582	4,353	4,476	4,591	4,612	4,636
Paper Goods, not elsewhere Specified.	4,032	3,961	3,963	3,914	3,966	4,014	4,033	4,163	4,065	4,179	4,333	4,149	4,083
	2,239	2,161	2,133	2,174	2,209	2,232	2,238	2,268	2,245	2,284	2,277	2,283	2,298
	1,823	1,800	1,786	1,740	1,757	1,783	1,795	1,895	1,820	1,895	1,946	1,866	1,795
Patent Medicines and Compounds and Druggists' Preparations.	1,463	1,453	1,430	1,413	1,434	1,399	1,333	1,367	1,377	1,443	1,530	1,751	1,616
	654	647	651	654	650	638	616	604	621	634	672	734	697
	808	806	779	759	734	761	717	683	756	803	857	1,017	919

[illegible]

[illegible]

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Stereotyping and Electrotyping.													
Males,	287	279	281	285	283	276	288	294	301	298	283	285	278
Females,	270	262	262	268	265	259	271	279	281	281	268	267	262
	17	17	19	17	18	17	17	15	20	17	15	18	16
Stoves and Furnaces, not Including Gas and Oil Stoves.													
Males,	1,594	1,413	1,577	1,532	1,590	1,578	1,575	1,555	1,539	1,600	1,695	1,676	1,624
Females,	1,591	1,410	1,574	1,579	1,587	1,575	1,572	1,552	1,586	1,657	1,692	1,673	1,621
	3	3	3	3	3	3	3	3	3	3	3	3	3
Structural Ironwork.													
Males,	1,600	1,403	1,339	1,377	1,424	1,521	1,579	1,632	1,775	1,824	1,799	1,786	1,711
Females,	1,600	1,402	1,339	1,377	1,424	1,521	1,579	1,632	1,775	1,824	1,799	1,786	1,711
	-	-	-	-	-	-	-	-	-	-	-	-	-
Surgical Appliances.													
Males,	212	206	206	208	206	199	201	204	220	226	224	221	215
Females,	140	138	138	140	137	137	139	135	142	145	143	148	145
	72	68	68	68	69	62	62	69	78	81	81	73	70
Suspenders, Garters, and Elastic Woven Goods.													
Males,	2,430	2,478	2,504	2,527	2,488	2,466	2,413	2,317	2,373	2,460	2,525	2,568	2,665
Females,	1,200	1,251	1,236	1,265	1,234	1,235	1,187	1,139	1,199	1,191	1,192	1,214	1,065
	2,230	2,227	2,268	2,262	2,254	2,231	2,226	2,178	2,174	2,269	2,343	2,354	1,990

Tobacco Manufactures.		4,091	3,760	3,890	3,859	3,876	3,976	4,057	4,067	4,066	4,155	4,184	4,197
Males,		2,818	2,615	2,667	2,676	2,680	2,773	2,819	2,820	2,923	2,921	2,928	2,938
Females,		1,203	1,145	1,153	1,183	1,196	1,203	1,218	1,237	1,244	1,234	1,256	1,199
Toys and Games.		1,146	770	897	938	1,037	1,141	1,197	1,290	1,319	1,364	1,382	1,097
Males,		729	553	607	649	680	662	715	765	786	831	959	796
Females,		417	217	290	339	357	479	482	525	533	533	423	301
Trunks and Valises.		453	310	366	455	492	516	512	516	478	459	451	380
Males,		339	244	280	341	366	382	381	396	356	326	322	284
Females,		114	66	86	114	126	134	131	121	122	126	129	96
Type Founding and Printing Materials.		116	117	116	122	114	114	116	110	115	117	121	123
Males,		94	93	92	98	92	92	96	90	92	96	97	99
Females,		22	24	24	24	22	22	20	20	23	21	24	24
Upholstering Materials.		183	157	171	172	197	198	225	178	177	171	182	170
Males,		160	132	146	149	173	174	201	154	156	157	160	150
Females,		23	25	25	23	24	24	24	24	21	14	22	20
Vinegar and Cider.		43	26	25	26	27	30	29	31	39	93	108	39
Males,		43	26	25	26	27	30	29	31	39	93	108	39
Females,		-	-	-	-	-	-	-	-	-	-	-	-
Waste.		645	606	619	654	639	648	628	628	636	664	688	728
Males,		401	388	395	414	398	399	381	391	390	402	412	451
Females,		244	218	224	240	231	243	247	237	246	262	276	277

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Concluded.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Watch and Clock Materials.													
Males,	173	164	163	165	173	183	183	179	178	177	176	174	165
Females,	59	51	53	53	59	62	64	64	66	62	63	60	58
	114	113	110	112	114	120	118	115	112	115	113	114	107
Whips.													
Males,	1,056	1,043	1,049	1,080	1,056	1,043	1,041	1,007	1,017	1,050	1,084	1,097	1,079
Females,	726	730	728	736	722	707	708	697	699	725	744	752	750
	330	313	321	344	334	336	333	310	318	325	340	345	329
Window Shades and Fixtures.													
Males,	77	71	71	76	74	77	73	69	75	78	78	75	73
Females,	63	59	59	62	62	65	61	57	62	63	63	61	60
	14	12	12	13	12	12	12	12	13	15	15	14	13
Wire.													
Males,	3,630	3,454	3,539	3,611	3,419	3,516	3,479	3,439	3,565	3,640	3,749	4,041	3,983
Females,	3,517	3,362	3,441	3,516	3,335	3,420	3,377	3,326	3,458	3,535	3,637	3,918	3,863
	103	92	88	95	84	96	102	103	107	105	112	123	119
Wirework, Including Wire Rope and Cable.													
Males,	2,033	2,089	2,107	2,033	2,049	1,933	1,847	1,899	1,919	1,933	2,117	2,143	2,181
Females,	1,664	1,734	1,750	1,720	1,664	1,547	1,491	1,549	1,557	1,628	1,744	1,759	1,787
	369	355	357	362	385	391	356	350	355	354	373	383	394
Wood, Turned and Carved.													
Males,	1,188	1,173	1,223	1,286	1,247	1,206	1,178	1,165	1,085	1,145	1,134	1,165	1,219
Females,	1,163	1,143	1,204	1,261	1,222	1,183	1,155	1,142	1,062	1,121	1,111	1,143	1,197
	25	24	24	25	25	23	23	23	23	24	23	22	22

Wooden Goods, not elsewhere Specified.		251	245	246	257	261	266	257	255	237	251	256	264	268
Males,	.	246	238	241	251	251	251	251	232	234	246	249	256	260
Females,	.	5	5	5	6	5	5	6	3	3	5	7	8	8
Wool Scouring.		718	717	756	769	690	700	777	739	745	754	689	668	629
Males,	.	681	684	724	738	628	668	730	694	703	715	653	631	596
Females,	.	37	33	32	31	32	32	47	45	42	39	36	37	33
Woolen and Worsted Goods.		53,697	47,819	41,758	48,670	55,554	55,888	55,948	55,588	55,856	56,633	56,994	57,768	55,657
Males,	.	32,293	28,662	25,094	28,915	33,418	33,824	33,917	33,519	33,938	34,103	34,071	34,529	33,375
Females,	.	21,404	19,150	16,664	19,755	22,136	22,064	22,025	22,069	21,918	22,520	22,923	23,239	22,282
All Other Industries.		33,674	22,983	23,552	23,308	23,312	23,639	23,448	23,308	23,551	23,565	24,331	24,479	24,939
Males,	.	17,978	17,483	17,695	17,653	17,547	17,889	17,885	17,771	17,974	17,897	18,364	18,553	18,983
Females,	.	5,696	5,500	5,857	5,655	5,765	5,740	5,563	5,537	5,577	5,668	5,967	5,926	5,956

TABLE IV. WAGE-EARNERS.
NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY
AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Females	Total	Males	Females	Total	
THE STATE.	408,365	173,574	581,939	27,202	20,693	57,895	639,834
Agricultural implements,	399	—	399	—	—	—	399
Artificial stone,	227	—	227	3	—	3	230
Automobiles, including bodies and parts,	4,077	87	4,114	108	—	108	4,222
Awnings, tents, and sails,	200	87	287	5	2	7	294
Baskets, and rattan and willow- ware,	196	3	199	5	4	9	208
Belting and hose, leather,	1,113	40	1,153	87	10	97	1,250
Belting and hose, woven,	85	70	155	10	20	30	185
Bicycles, motorcycles, and parts,	2,052	3	2,055	114	1	115	2,170
Billiard tables and materials,	29	1	30	—	—	—	30
Blacking,	238	252	490	12	44	56	546
Bookbinding and blank-book mak- ing,	1,087	940	2,027	162	185	347	2,374
Boot and shoe cut stock and find- ings,	5,613	2,335	7,948	448	343	791	8,739
Boots and shoes,	52,093	26,755	78,848	3,302	3,158	6,460	85,308
Boots and shoes, rubber,	5,261	3,484	8,745	274	238	512	9,257
Boxes, cigar,	77	69	146	8	16	24	170
Boxes, fancy and paper,	1,407	2,407	3,814	106	593	699	4,513
Boxes, wooden packing,	3,287	297	3,584	162	85	247	3,831
Brass and bronze products,	2,208	34	2,242	31	7	38	2,280
Bread and other bakery products,	5,361	1,046	6,407	185	488	673	7,080
Brick and tile,	396	—	396	—	—	—	396
Brooms,	96	7	103	12	1	13	116
Brushes,	590	911	1,501	108	176	284	1,785
Butter,	44	—	44	—	—	—	44
Buttons,	273	281	554	66	126	192	746
Canning and preserving,	1,384	469	1,853	21	8	29	1,882
Card cutting and designing,	23	14	36	2	8	10	46
Carpets and rugs, other than rag,	2,949	2,216	5,165	449	464	913	6,078
Carpets, rag,	63	11	74	15	1	16	90
Carriages and sleds, children's,	771	149	920	26	7	33	953
Carriages and wagons and ma- terials,	1,012	1	1,013	12	—	12	1,025
Cars and general shop construction and repairs by steam railroad companies,	5,908	23	5,931	66	—	66	5,997
Chemicals,	1,235	67	1,302	43	17	60	1,362
Cleansing and polishing prepara- tions,	38	18	56	3	5	8	64
Clocks,	251	32	283	4	7	11	294
Cloth, sponging and refinishing,	45	—	45	1	—	1	46
Clothing, men's,	2,835	3,008	5,843	71	136	207	6,050
Clothing, women's,	1,217	4,063	5,280	42	294	336	5,616
Coffee and spice, roasting and grinding,	232	151	383	7	1	8	391
Coffins, burial cases, and under- takers' goods,	294	42	336	16	2	18	354
Combs and hairpins,	1,646	573	2,219	183	130	313	2,532
Confectionery,	1,803	3,960	5,763	146	1,832	1,978	7,741
Cooperage,	758	8	766	38	—	38	804
Copper, tin, and sheet-iron prod- ucts,	2,154	275	2,429	153	47	200	2,629
Cordage and twine,	1,861	459	2,320	147	105	252	2,572
Cordials and sirups,	45	36	81	1	4	5	86
Corsets,	272	2,217	2,489	32	456	488	2,977
Cotton goods,	56,902	46,315	103,217	6,535	8,099	14,634	117,851

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY
 AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Cotton small wares,	350	397	747	59	141	200	947
Cutlery and tools, not elsewhere specified,	5,814	641	6,455	391	63	454	6,909
Dairymen's, poulterers', and apia- rists' supplies,	19	2	21	3	1	4	25
Dentists' materials,	31	24	55	6	3	9	64
Dyeing and finishing textiles,	8,391	1,767	10,158	509	432	941	11,099
Dyestuffs and extracts,	118	1	119	2	-	2	121
Electrical machinery, apparatus, and supplies,	16,600	3,118	19,718	1,063	1,015	2,097	21,884
Electroplating,	219	17	236	14	2	16	252
Emery and other abrasive wheels,	1,015	21	1,036	53	3	55	1,091
Enameling and japanning,	74	37	111	15	8	23	134
Engraving and diesinking,	125	32	157	23	7	35	192
Envelopes,	613	1,056	1,669	88	322	410	2,079
Fancy articles, not elsewhere speci- fied,	79	167	246	13	25	38	284
Felt goods,	636	108	744	14	26	40	784
Firearms,	2,425	38	2,463	147	4	151	2,614
Flavoring extracts,	38	43	81	5	7	12	93
Flour-mill and gristmill products,	143	2	145	-	-	-	145
Food preparations,	267	91	358	6	11	17	375
Foundry and machine-shop prod- ucts,	38,216	532	38,748	1,487	127	1,614	40,362
Fur goods,	140	119	259	8	6	14	273
Furnishing goods, men's,	69	337	406	4	69	73	479
Furniture,	6,817	597	7,414	583	172	755	8,169
Galvanizing,	13	-	13	-	-	-	13
Gas and electric fixtures,	126	1	127	15	-	15	142
Glass cutting, staining, and orna- menting,	224	10	234	23	-	23	257
Glue,	393	96	489	6	24	30	519
Gold and silver, leaf and foil,	64	61	125	10	9	19	144
Gold and silver, reducing and re- fining not from the ore,	87	19	106	-	-	-	106
Grease and tallow,	644	17	661	5	2	7	668
Hand knit goods,	5	2	7	-	-	-	7
Hand stamps and stencils and brands,	85	15	100	17	5	22	122
Hardware,	1,476	83	1,559	236	29	265	1,824
Hats and caps, other than felt, straw and wool,	189	78	267	9	8	17	284
Hats, felt,	793	644	1,437	33	50	83	1,520
Hats, straw,	1,229	2,613	3,842	37	61	98	3,940
Hats, wool,	289	124	413	12	5	17	430
Hosiery and knit goods,	2,731	6,248	8,979	351	1,192	1,543	10,522
House furnishing goods, not else- where specified,	412	141	553	59	61	120	673
Instruments, professional and sci- entific,	527	48	575	49	21	70	645
Iron and steel, steel works and rolling mills,	3,377	157	3,534	8	-	8	3,542
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	923	368	1,291	39	75	104	1,395
Iron and steel forgings,	612	-	612	27	-	27	639
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	827	241	1,068	52	38	90	1,158

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY
 AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Ivory, shell, and bone work, not including combs and hairpins, .	78	12	90	8	6	14	104
Jewelry, .	5,072	2,381	7,453	309	418	727	8,180
Jewelry and instrument cases, .	87	173	260	16	33	49	309
Kaolin and ground earths, .	66	—	66	1	—	1	67
Labels and tags, .	13	5	18	3	1	4	22
Lamps and reflectors, .	346	21	367	81	7	88	455
Lasts, .	921	1	922	37	—	37	959
Leather goods, not elsewhere speci- fied, .	266	260	526	56	135	191	717
Leather tanned, curried, and fin- ished, .	11,672	233	11,905	166	22	188	12,093
Lime, .	441	—	441	1	—	1	442
Linen goods, .	642	767	1,409	169	320	489	1,898
Liquors, distilled, .	67	—	67	—	—	—	67
Liquors, malt, .	1,852	14	1,866	—	—	—	1,866
Looking-glass and picture frames, .	219	19	238	15	1	16	254
Lumber and timber products, .	669	12	681	6	—	6	687
Lumber, planing-mill products, .	3,248	7	3,255	91	—	91	3,346
Marble and stone work, .	2,909	—	2,909	42	—	42	2,951
Mattresses and spring beds, .	491	147	638	38	11	49	687
Millinery and lace goods, .	295	1,452	1,747	23	199	222	1,969
Mineral and soda waters, .	291	3	294	9	—	9	303
Models and patterns, not including paper patterns, .	381	17	398	35	—	35	433
Monuments and tombstones, .	1,159	—	1,159	24	—	24	1,183
Mucilage and paste, .	82	19	101	—	3	3	104
Musical instruments and materials, not specified, .	126	18	144	11	3	14	158
Musical instruments, pianos and organs and materials, .	3,582	196	3,778	340	73	413	4,191
Oil, not elsewhere specified, .	298	12	310	3	—	3	313
Optical goods, .	1,666	553	2,219	157	205	362	2,581
Paints and varnishes, .	483	33	516	17	6	23	539
Paper and wood pulp, .	9,627	4,301	13,928	124	357	481	14,409
Paper goods, not elsewhere speci- fied, .	2,135	1,376	3,511	183	449	632	4,143
Patent medicines and compounds and druggists' preparations, .	677	814	1,491	42	130	172	1,663
Photo-engraving, .	290	29	319	17	9	26	345
Plumbers' supplies, .	672	16	688	35	14	49	737
Pocketbooks, .	116	270	386	13	25	38	424
Pottery, terra-cotta, and fire-clay products, .	515	16	531	27	19	46	577
Printing and publishing, .	4,266	1,934	6,200	365	195	560	6,760
Refrigerators, .	133	—	133	—	—	—	133
Regalia and society badges and emblems, .	5	24	29	3	2	5	34
Rubber goods, not elsewhere speci- fied, .	4,089	646	4,735	242	215	457	5,192
Saddlery and harness, .	262	14	276	10	1	11	287
Sausage, not made in slaughtering and meat-packing establish- ments, .	407	3	410	20	—	20	430
Scales and balances, .	31	—	31	—	—	—	31
Screws, machine, .	970	60	1,030	162	33	195	1,225
Shipbuilding, wooden, including boatbuilding, .	668	—	668	7	—	7	675
Shirts, .	368	1,442	1,810	12	95	107	1,917

TABLE IV. WAGE-EARNERS — Concluded.
NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY
AGE AND SEX — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Shoddy,	429	46	475	5	1	6	481
Showcases,	95	—	95	1	—	1	96
Signs and advertising novelties, . .	125	58	183	11	5	16	199
Silk and silk goods, including throwsters,	1,181	2,328	3,509	196	797	993	4,502
Silverware and plated ware, . . .	2,227	475	2,702	133	66	199	2,901
Slaughtering and meat packing, .	3,256	22	3,278	105	2	107	3,385
Soap,	354	89	443	18	35	53	496
Sporting and athletic goods, . . .	837	263	1,100	66	71	137	1,237
Stationery goods, not elsewhere specified,	551	689	1,240	208	86	294	1,534
Statuary and art goods,	94	—	94	1	—	1	95
Steam fittings and heating appe- ratus,	3,414	91	3,505	71	14	85	3,590
Steam packing,	73	2	75	5	—	5	80
Stereotyping and electrotyping, . .	240	5	245	24	9	33	278
Stoves and furnaces, not including gas and oil stoves,	1,613	3	1,616	26	—	26	1,642
Structural ironwork,	1,700	—	1,700	17	—	17	1,717
Surgical appliances,	137	56	193	11	14	25	218
Suspenders, garters, and elastic woven goods,	1,143	1,969	3,112	102	372	474	3,586
Tobacco manufactures,	2,877	1,189	4,066	85	73	158	4,224
Toys and games,	697	230	927	99	74	173	1,100
Trunks and valises,	268	74	342	20	21	41	383
Type founding and printing ma- terials,	95	22	117	5	2	7	124
Upholstering materials,	173	17	190	2	5	7	197
Vinegar and cider,	40	—	40	1	—	1	41
Waste,	412	283	695	5	13	18	713
Watch and clock materials,	59	96	155	2	6	8	163
Whips,	723	325	1,048	35	27	62	1,110
Window shades and fixtures, . . .	57	11	68	4	1	5	73
Wire,	3,935	79	4,014	88	29	117	4,131
Wirework, including wire rope and cable,	1,606	339	1,945	145	61	206	2,151
Wood, turned and carved,	1,255	20	1,275	114	3	117	1,392
Wooden goods, not elsewhere speci- fied,	248	6	254	13	3	16	270
Wool scouring,	579	31	610	12	4	16	626
Woolen and worsted goods,	30,535	19,015	49,550	2,964	3,886	6,850	56,400
All other industries,	17,284	5,162	22,446	973	882	1,855	24,301

TABLE V. WAGES.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												\$25 and over
		\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	
THE STATE.														
Adults (18 years of age and over):	621,333	5,728	16,300	34,070	62,604	68,379	68,737	78,008	108,166	107,877	104,535	29,536	14,113	
Males,	434,576	657	1,936	8,086	12,093	22,812	34,350	47,529	73,799	92,641	98,539	31,416	13,870 ^{1/2}	
Females,	186,067	2,061	5,563	14,152	26,419	31,912	29,877	26,292	28,245	14,670	5,826	1,116	342	
Young persons (under 18 years of age),	86,740	3,074	9,510	14,522	14,092	8,349	4,300	2,185	1,116	366	110	8	-	
Agricultural Implements.														
Adults (18 years of age and over):	557	-	2	1	7	13	28	61	103	169	26	34	12	
Males,	557	-	2	1	7	13	28	61	103	150	26	34	12	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	
Artificial Stone.														
Adults (18 years of age and over):	318	-	1	-	-	1	1	10	33	136	71	26	14	
Males,	311	-	1	-	-	-	-	9	53	135	71	26	14	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	4	-	-	-	-	1	1	1	-	1	-	-	-	
Automobiles, Including Bodies and Parts.														
Adults (18 years of age and over):	4,729	1	7	27	48	70	69	134	362	1,413	1,398	578	143	
Males,	4,532	-	-	3	32	48	62	100	347	1,365	1,389	578	143	
Females,	63	-	-	1	3	2	1	13	13	26	3	-	-	
Young persons (under 18 years of age),	95	1	7	20	23	20	6	11	3	2	-	-	-	

Awnings, Tents, and Sails. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	496	-	-	-	-	6	6	6	97	53	56	47	59	229	9	3
	336	-	-	-	-	-	-	3	2	4	13	26	49	237	9	3
	152	-	-	-	-	3	3	3	23	48	43	21	10	2	-	-
	7	-	-	-	-	3	-	-	3	1	-	-	-	-	-	-
Baskets, and Batten and Willow Ware. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	216	-	3	3	3	10	5	5	19	29	44	50	38	16	-	-
	204	-	2	3	4	3	3	16	16	29	44	50	38	16	-	-
	3	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-
	9	-	-	-	6	6	2	1	1	-	-	-	-	-	-	-
Belting and Hose, Leather. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,964	-	1	20	40	51	55	39	143	444	203	17	203	8	-	-
	1,127	-	-	-	6	12	33	24	137	439	248	17	203	8	-	-
	40	-	-	1	7	12	11	1	2	5	1	-	1	-	-	-
	97	-	1	19	27	27	11	7	4	-	-	-	-	-	-	-
Belting and Hose, Woven. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	241	1	1	14	15	26	29	30	14	57	26	7	57	4	-	-
	116	1	-	2	3	3	4	10	9	21	23	7	29	4	-	-
	82	-	1	4	2	13	16	18	4	13	3	-	8	-	-	-
	43	-	-	8	10	10	9	2	1	3	-	-	-	-	-	-
Bicycles, Motorcycles, and Parts. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	2,533	15	16	25	39	52	55	123	199	309	817	98	544	31	-	-
	2,198	6	3	16	23	39	43	109	183	297	813	98	537	31	-	-
	6	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
	119	9	13	9	10	13	12	14	16	12	4	-	7	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Billiard Tables and Materials.	29	-	-	-	-	1	-	1	-	1	5	17	4	-
Adults (18 years of age and over):														
Males,	28	-	-	-	-	-	-	1	-	1	5	17	4	-
Females,	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age), . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking.	653	-	4	19	84	85	130	61	46	29	80	65	19	30
Adults (18 years of age and over):														
Males,	240	-	1	-	3	6	6	5	10	19	78	64	18	30
Females,	349	-	1	15	53	59	118	53	36	10	2	1	1	-
Young persons (under 18 years of age), . . .	63	-	2	4	28	20	6	3	-	-	-	-	-	-
Bookbinding and Blank-Book Making.	2,551	8	26	203	167	251	313	298	173	259	237	395	166	55
Adults (18 years of age and over):														
Males,	1,172	-	-	6	16	38	60	67	70	121	187	389	163	55
Females,	978	2	3	31	57	137	224	219	98	138	50	6	3	-
Young persons (under 18 years of age), . . .	401	6	23	166	94	76	19	12	5	-	-	-	-	-
Boot and Shoe Cut Stock and Findings.	10,016	30	141	355	663	1,075	1,041	785	925	1,299	2,043	1,238	303	83
Adults (18 years of age and over):														
Males,	6,477	17	21	42	113	253	393	431	632	1,058	1,922	1,213	299	83
Females,	2,710	40	67	156	367	560	557	315	267	234	118	25	4	-
Young persons (under 18 years of age), . . .	829	23	53	137	183	262	91	39	26	7	8	-	-	-

Boots and Shoes.		93,452	560	733	1,800	3,219	5,109	6,781	6,163	8,310	13,903	16,797	19,554	7,921	4,303
Adults (18 years of age and over):															
Males,		55,715	160	122	283	641	1,153	1,791	2,278	3,476	6,765	11,130	16,362	7,323	4,222
Females,		30,366	172	245	576	1,016	2,187	2,855	3,329	4,409	6,216	5,545	3,140	595	81
Young persons (under 18 years of age),		7,371	228	366	936	1,562	1,764	1,135	556	425	221	122	52	4	-
Boots and Shoes, Rubber.		9,432	-	62	100	189	368	452	748	1,192	2,914	1,674	1,310	375	68
Adults (18 years of age and over):															
Males,		5,399	-	9	6	13	71	106	159	300	1,632	1,339	1,264	372	68
Females,		3,506	-	13	17	39	153	275	554	791	1,280	335	46	3	-
Young persons (under 18 years of age),		527	-	40	77	137	144	51	35	41	2	-	-	-	-
Boxes, Cigar.		170	-	1	6	5	29	27	10	12	12	30	36	2	-
Adults (18 years of age and over):															
Males,		78	-	-	-	-	-	7	1	6	5	21	36	2	-
Females,		68	-	-	1	-	22	16	7	6	7	9	-	-	-
Young persons (under 18 years of age),		24	-	1	5	5	7	4	2	-	-	-	-	-	-
Boxes, Fancy and Paper.		4,673	39	133	470	454	498	513	416	449	619	597	370	81	34
Adults (18 years of age and over):															
Males,		1,460	-	5	21	19	43	57	51	153	275	406	317	79	34
Females,		2,493	24	37	200	287	346	404	338	281	336	186	52	2	-
Young persons (under 18 years of age),		720	15	91	249	148	109	52	27	15	8	5	1	-	-
Boxes, Wooden Packing.		4,074	11	24	61	111	112	242	314	574	1,053	1,110	378	68	16
Adults (18 years of age and over):															
Males,		3,526	-	2	4	16	39	171	251	504	995	1,035	375	68	16
Females,		320	2	7	12	28	41	42	48	60	53	24	3	-	-
Young persons (under 18 years of age),		228	9	15	45	67	32	29	15	10	5	1	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Brass and Bronze Products.														
Adults (18 years of age and over):	2,499	-	6	9	20	25	21	125	211	324	970	499	176	43
Males,	2,358	-	5	2	2	12	15	120	198	317	969	499	176	43
Females,	37	-	1	1	12	5	2	3	7	5	1	-	-	-
Young persons (under 18 years of age),	34	-	-	6	6	8	4	2	6	2	-	-	-	-
Bread and Other Bakery Products.														
Adults (18 years of age and over):	7,318	7	6	274	247	534	452	503	743	1,066	1,562	1,634	373	117
Males,	5,554	-	1	11	23	45	135	266	582	891	1,480	1,631	372	117
Females,	1,115	-	-	47	47	151	270	198	144	173	81	3	1	-
Young persons (under 18 years of age),	649	7	5	216	177	138	47	39	17	2	1	-	-	-
Brick and Tile.														
Adults (18 years of age and over):	1,632	-	2	3	5	14	12	14	256	685	544	121	17	9
Males,	1,674	-	2	1	4	13	8	14	256	685	544	121	17	9
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	-	-	2	1	1	4	-	-	-	-	-	-	-
Brooms.														
Adults (18 years of age and over):	130	-	3	6	10	7	6	13	11	22	35	14	2	1
Males,	108	-	-	1	3	4	5	11	10	22	35	14	2	1
Females,	7	-	-	1	4	-	1	-	1	-	-	-	-	-
Young persons (under 18 years of age),	15	-	3	4	3	3	-	2	-	-	-	-	-	-

Brushes.		1,823	8	408	199	227	200	174	98	65	93	164	163	39	8
Adults (18 years of age and over):															
Males,		628	-	26	2	23	59	56	37	40	70	123	158	31	3
Females,		912	3	301	116	133	119	97	50	24	22	41	5	1	-
Young persons (under 18 years of age), . .		263	-	81	81	71	22	21	5	1	1	-	-	-	-
Butter.		47	-	-	5	1	1	1	3	5	8	13	6	3	1
Adults (18 years of age and over):															
Males,		46	-	-	4	1	1	1	3	5	8	13	6	3	1
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age), . .		1	-	-	1	-	-	-	-	-	-	-	-	-	-
Buttons.		856	8	8	59	149	140	138	93	47	65	71	52	18	15
Adults (18 years of age and over):															
Males,		396	-	-	-	10	24	88	57	36	43	54	51	18	15
Females,		268	8	5	17	72	59	32	25	10	22	17	1	-	-
Young persons (under 18 years of age), . .		192	-	3	42	60	57	18	11	1	-	-	-	-	-
Canning and Preserving.		2,023	1	40	79	203	277	146	66	81	173	723	191	39	12
Adults (18 years of age and over):															
Males,		1,439	-	6	18	31	63	62	60	71	172	722	191	32	12
Females,		548	-	30	58	162	210	78	4	6	-	-	-	-	-
Young persons (under 18 years of age), . .		35	1	4	3	10	5	6	2	4	-	-	-	-	-
Card Cutting and Designing.		73	-	-	18	6	6	7	3	4	2	13	10	1	1
Adults (18 years of age and over):															
Males,		27	-	-	-	-	1	-	2	-	2	11	9	1	1
Females,		17	-	-	-	1	2	5	2	4	-	2	1	-	-
Young persons (under 18 years of age), . .		29	-	-	18	5	3	2	1	-	-	-	-	-	-

Cars and General Shop Construction and Repairs by Steam Railroad Companies. Adults (18 years of age and over):	6,069	-	-	-	62	11	31	286	294	700	2,103	2,211	293	61
	Males,	-	-	-	17	7	23	269	287	696	2,100	2,210	293	61
	Females,	-	-	-	-	-	7	11	5	-	-	-	-	-
	Young persons (under 18 years of age), . . .	-	-	-	45	4	1	6	2	4	3	1	-	-
Chemicals.														
Adults (18 years of age and over):	1,444	-	-	13	25	28	18	85	177	336	380	399	72	11
	Males,	-	-	-	1	2	4	64	152	326	379	299	72	11
	Females,	-	-	2	8	8	11	19	22	10	1	-	-	-
	Young persons (under 18 years of age), . . .	-	-	11	16	18	3	2	3	-	-	-	-	-
Cleansing and Polishing Preparations.														
Adults (18 years of age and over):	72	-	-	-	13	8	5	5	6	8	17	5	2	1
	Males,	-	-	-	8	3	1	2	3	4	16	5	2	1
	Females,	-	-	-	4	4	4	3	3	4	1	-	-	-
	Young persons (under 18 years of age), . . .	-	-	2	1	1	-	-	-	-	-	-	-	-
Clocks.														
Adults (18 years of age and over):	297	1	-	1	9	10	12	6	19	18	56	109	45	11
	Males,	-	-	-	3	4	5	1	10	15	52	109	45	11
	Females,	-	-	-	2	4	4	4	9	3	4	-	-	-
	Young persons (under 18 years of age), . . .	1	1	1	4	2	3	1	-	-	-	-	-	-
Cloth, Sponging and Refinishing.														
Adults (18 years of age and over):	46	-	-	-	4	4	4	2	3	2	14	7	3	3
	Males,	-	-	-	4	3	4	2	3	2	14	7	3	3
	Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
	Young persons (under 18 years of age), . . .	1	-	-	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Clothing, Men's.	6,567	14	73	173	400	570	689	644	585	777	963	998	461	320
Adults (18 years of age and over):														
Males,	3,062	-	-	4	13	33	54	81	143	343	745	970	457	219
Females,	3,297	8	60	136	316	508	605	552	430	432	217	28	4	1
Young persons (under 18 years of age),	208	6	13	33	71	29	30	11	12	2	1	-	-	-
Clothing, Women's.	6,581	34	145	273	439	705	746	789	687	893	677	624	355	232
Adults (18 years of age and over):														
Males,	1,518	1	4	9	16	38	36	39	60	109	214	456	326	210
Females,	4,729	25	65	167	360	612	688	734	624	782	463	168	29	12
Young persons (under 18 years of age),	334	8	76	96	63	55	22	9	3	2	-	-	-	-
Coffee and Spice, Roasting and Grinding.	415	-	-	-	18	54	44	29	37	17	101	93	17	5
Adults (18 years of age and over):														
Males,	243	-	-	-	-	1	3	3	9	12	100	93	17	5
Females,	161	-	-	-	15	47	39	26	28	5	1	-	-	-
Young persons (under 18 years of age),	11	-	-	-	3	6	2	-	-	-	-	-	-	-
Coffins, Burial Cases, and Undertakers' Goods.	338	-	-	2	9	24	20	29	40	78	84	88	10	4
Adults (18 years of age and over):														
Males,	323	-	-	1	1	9	13	19	27	68	83	88	10	4
Females,	49	-	-	-	1	10	5	10	12	10	1	-	-	-
Young persons (under 18 years of age),	16	-	-	1	7	5	2	-	1	-	-	-	-	-

Combs and Hairpins.		18	84	87	89	99	941	916	948	980	919	933	923
Adults (18 years of age and over):													
Males,		-	3	24	24	55	91	135	189	516	216	33	23
Females,		7	5	28	104	178	121	64	50	4	3	-	-
Young persons (under 18 years of age),		5	16	35	111	96	29	17	9	-	-	-	-
Confectionery.													
Adults (18 years of age and over):													
Males,		-	1	13	22	95	245	213	239	320	324	84	57
Females,		-	22	557	847	909	769	554	166	56	25	2	1
Young persons (under 18 years of age),		5	221	1,114	610	259	66	23	4	1	-	-	-
Cooperage.													
Adults (18 years of age and over):													
Males,		-	3	6	15	36	33	63	93	181	143	15	3
Females,		-	-	-	4	8	13	60	92	181	142	15	2
Young persons (under 18 years of age),		-	2	6	11	20	19	3	-	-	-	-	-
Copper, Tin, and Sheet-Iron Products.													
Adults (18 years of age and over):													
Males,		-	8	75	130	183	180	313	386	488	517	343	99
Females,		-	1	21	36	59	104	241	234	423	515	343	99
Young persons (under 18 years of age),		-	2	15	30	71	44	57	46	5	2	-	-
Cordage and Twine.													
Adults (18 years of age and over):													
Males,		-	39	65	219	352	205	146	1,330	107	125	13	10
Females,		-	-	3	22	49	143	108	1,208	104	123	13	10
Young persons (under 18 years of age),		-	29	34	109	53	20	13	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Cordials and Syrups.	113	-	-	11	24	15	4	6	9	8	14	13	4	5
Adults (18 years of age and over):														
Males,	61	-	-	-	1	3	2	5	9	6	13	13	4	5
Females,	37	-	-	4	19	9	2	1	-	1	1	-	-	-
Young persons (under 18 years of age),	15	-	-	7	4	3	-	-	-	1	-	-	-	-
Confectionery.	3,071	72	103	202	345	457	387	455	389	438	113	105	30	25
Adults (18 years of age and over):														
Males,	258	-	1	1	7	8	10	11	23	27	40	76	30	24
Females,	2,411	22	55	125	255	348	345	406	354	398	73	29	-	1
Young persons (under 18 years of age),	402	50	47	76	83	81	32	18	12	3	-	-	-	-
Cotton Goods.	119,593	590	1,151	3,503	8,733	14,175	20,504	19,675	15,672	18,532	10,808	4,915	852	553
Adults (18 years of age and over):														
Males,	58,361	166	208	590	1,989	4,694	8,806	9,056	7,323	10,599	8,801	4,729	847	553
Females,	46,973	206	347	1,087	3,361	6,040	9,196	9,308	7,717	7,577	1,948	181	5	-
Young persons (under 18 years of age),	14,259	148	596	1,826	3,383	3,441	2,502	1,311	632	356	59	5	-	-
Cotton Small Wares.	1,066	-	21	76	101	194	128	136	109	99	110	63	20	9
Adults (18 years of age and over):														
Males,	392	-	2	1	2	19	35	54	48	58	89	55	20	9
Females,	478	-	14	20	49	109	80	77	60	40	21	8	-	-
Young persons (under 18 years of age),	196	-	5	55	50	66	13	5	1	1	-	-	-	-

Cutlery and Tools, not elsewhere Specified.	7,973	5	26	85	178	361	416	628	636	1,118	1,523	1,741	403	176
Adults (18 years of age and over):														
Males,	6,145	1	2	4	38	89	197	398	538	1,063	1,503	1,733	403	176
Females,	655	-	3	10	40	139	142	181	75	41	17	7	-	-
Young persons (under 18 years of age), . . .	473	4	21	71	94	123	76	43	23	14	3	1	-	-
Dairymen's, Poulterers', and Apiarists' Supplies.	35	-	-	-	3	7	9	3	3	7	7	9	1	-
Adults (18 years of age and over):														
Males,	21	-	-	-	-	-	-	2	3	7	6	2	1	-
Females,	2	-	-	-	-	-	-	1	-	-	1	-	-	-
Young persons (under 18 years of age), . . .	12	-	-	-	3	7	2	-	-	-	-	-	-	-
Dentists' Materials.	67	-	-	10	7	9	-	7	1	13	13	6	3	6
Adults (18 years of age and over):														
Males,	35	-	-	2	1	1	-	2	1	7	6	6	3	6
Females,	24	-	-	3	4	-	-	5	-	5	7	-	-	-
Young persons (under 18 years of age), . . .	8	-	-	5	2	1	-	-	-	-	-	-	-	-
Dyeing and Finishing Textiles.	11,671	1	1	192	560	1,327	1,734	2,617	1,909	1,260	996	659	207	278
Adults (18 years of age and over):														
Males,	8,794	-	-	18	54	295	1,119	2,394	1,745	1,125	904	656	206	278
Females,	1,893	1	1	66	203	663	478	173	150	132	22	3	1	-
Young persons (under 18 years of age), . . .	984	-	-	108	303	369	137	50	14	3	-	-	-	-
Dyestuffs and Extracts.	128	-	-	1	-	1	1	1	13	27	59	19	3	3
Adults (18 years of age and over):														
Males,	125	-	-	-	-	-	-	1	13	27	59	19	3	3
Females,	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age), . . .	2	-	-	1	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER	
			\$25 and Over
Electrical Machinery, Apparatus, and Supplies.	22,525		451
Adults (18 years of age and over):	18,782		431
Males,	2,300		-
Females,	2,000		-
Young persons (under 18 years of age),	3,743		7
Electroplating.	223		7
Adults (18 years of age and over):	19		-
Males,	22		-
Females,			
Young persons (under 18 years of age),			
Emery and Other Abrasive Wheels.	1,000		25
Adults (18 years of age and over):	1,803		23
Males,	31		-
Females,	56		-
Young persons (under 18 years of age),			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Firearms.	2,656	-	11	46	36	75	119	173	229	518	609	686	103	51
Adults (18 years of age and over):	2,452	-	-	-	-	51	94	151	210	498	609	685	103	51
Males,	38	-	-	-	-	-	3	7	12	15	-	1	-	-
Females,	166	-	11	46	36	24	22	15	7	5	-	-	-	-
Young persons (under 18 years of age), . . .														
Flavoring Extracts.	110	-	-	-	23	17	12	5	3	11	23	11	2	3
Adults (18 years of age and over):	39	-	-	-	-	3	3	3	1	5	10	9	2	3
Males,	59	-	-	-	12	14	8	2	2	6	13	2	-	-
Females,	12	-	-	-	11	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age), . . .														
Flour-Mill and Gristmill Products.	150	-	-	1	-	-	1	2	3	25	85	33	2	-
Adults (18 years of age and over):	148	-	-	1	-	-	1	2	3	24	82	33	2	-
Males,	2	-	-	-	-	-	-	-	-	1	1	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age), . . .														
Food Preparations.	505	-	-	18	10	84	33	45	39	104	91	64	12	5
Adults (18 years of age and over):	356	-	-	-	1	9	6	33	33	103	90	64	12	5
Males,	129	-	-	7	8	71	25	12	4	1	1	-	-	-
Females,	20	-	-	11	1	4	2	-	2	-	-	-	-	-
Young persons (under 18 years of age), . . .														

Foundry and Machine-Shop Products.									
Adults (18 years of age and over):									
Males,	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.
Young persons (under 18 years of age), . . .									
Fur Goods.									
Adults (18 years of age and over):									
Males,	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.
Young persons (under 18 years of age), . . .									
Furnishing Goods, Men's.									
Adults (18 years of age and over):									
Males,	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.
Young persons (under 18 years of age), . . .									
Furniture.									
Adults (18 years of age and over):									
Males,	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.
Young persons (under 18 years of age), . . .									
Galvanizing.									
Adults (18 years of age and over):									
Males,	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.
Young persons (under 18 years of age), . . .									

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

Industries and Sex.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Gas and Electric Fixtures.	141	-	-	5	3	5	5	5	4	11	5	64	25	9
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	125	-	-	-	-	3	5	4	3	7	5	64	25	9
Females,	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Young persons (under 18 years of age), . . .	15	-	-	5	3	2	-	1	1	3	-	-	-	-
Glass Cutting, Staining, and Ornamenting.	276	-	-	9	6	18	9	5	13	22	59	106	21	8
Adults (18 years of age and over):		-	-	3	1	9	4	4	12	21	59	106	21	8
Males,	248	-	-	-	-	3	5	1	-	1	-	-	-	-
Females,	10	-	-	6	5	6	-	-	1	-	-	-	-	-
Young persons (under 18 years of age), . . .	18	-	-	-	-	-	-	-	-	-	-	-	-	-
Glue.	627	-	3	5	45	39	35	34	172	116	86	75	12	5
Adults (18 years of age and over):		-	-	-	-	2	4	20	167	116	85	75	12	5
Males,	486	-	-	-	-	2	4	20	167	116	85	75	12	5
Females,	113	-	1	1	37	36	23	10	4	-	1	-	-	-
Young persons (under 18 years of age), . . .	28	-	2	4	8	1	8	4	1	-	-	-	-	-
Gold and Silver, Leaf and Foil.	148	2	5	10	14	23	14	15	7	6	14	20	14	4
Adults (18 years of age and over):		-	-	1	2	1	4	2	2	4	13	20	14	4
Males,	67	-	-	1	2	1	4	2	2	4	13	20	14	4
Females,	62	2	3	5	8	18	8	10	5	2	1	-	-	-
Young persons (under 18 years of age), . . .	19	-	2	4	4	4	2	3	-	-	-	-	-	-

Gold and Silver, Reducing and Refining, not from the Ore.	108	-	-	-	-	1	2	13	59	169	262	139	35	16	1
Adults (18 years of age and over):															
Males,	88	-	-	-	-	-	-	-	-	12	22	37	16	16	1
Females,	18	-	-	-	-	1	2	13	-	-	2	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.	699	5	5	3	1	4	17	7	59	169	262	139	35	16	13
Adults (18 years of age and over):															
Males,	675	-	2	1	-	2	9	6	59	168	261	129	25	13	13
Females,	14	-	2	2	-	2	6	-	-	1	1	-	-	-	-
Young persons (under 18 years of age),	10	5	1	-	1	-	2	1	-	-	-	-	-	-	-
Hand-Knit Goods.	12	-	-	-	-	1	1	4	1	2	-	3	-	-	-
Adults (18 years of age and over):															
Males,	7	-	-	-	-	-	-	2	-	2	-	3	-	-	-
Females,	5	-	-	-	-	1	1	2	1	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hand Stamps and Stencils and Brands.	199	1	5	2	2	7	7	7	4	7	16	28	14	14	6
Adults (18 years of age and over):															
Males,	85	-	-	-	-	3	2	6	3	6	15	28	14	14	6
Females,	19	1	3	-	7	3	3	1	-	-	1	-	-	-	-
Young persons (under 18 years of age),	25	-	2	2	16	1	2	-	1	1	-	-	-	-	-
Hardware.	1,995	4	7	66	94	151	111	193	217	284	328	455	76	76	29
Adults (18 years of age and over):															
Males,	1,625	-	-	12	21	51	52	165	190	250	325	454	76	76	29
Females,	82	-	-	2	4	21	24	9	11	7	3	1	-	-	-
Young persons (under 18 years of age),	288	4	7	52	69	79	35	19	16	7	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Hats and Caps, other than Felt, Straw, and Wool.	309	-	-	6	14	22	10	29	20	32	50	59	49	18
Adults (18 years of age and over):		-	-	2	4	6	1	11	8	18	43	59	49	18
Males,	219	-	-	2	4	6	1	11	8	18	43	59	49	18
Females,	78	-	-	2	6	15	7	15	12	14	7	-	-	-
Young persons (under 18 years of age),	12	-	-	2	4	1	2	3	-	-	-	-	-	-
Hats, Felt.	2,048	22	47	49	93	172	150	156	222	266	397	293	104	77
Adults (18 years of age and over):		-	-	3	17	36	45	65	109	175	313	251	88	74
Males,	1,176	-	-	3	17	36	45	65	109	175	313	251	88	74
Females,	752	20	32	27	39	107	98	87	111	89	83	40	16	3
Young persons (under 18 years of age),	120	2	15	19	37	29	7	4	2	2	1	2	-	-
Hats, Straw.	4,748	8	13	51	103	161	306	423	561	817	951	854	339	161
Adults (18 years of age and over):		-	1	1	3	7	45	35	143	308	445	386	98	84
Males,	1,556	-	1	1	3	7	45	35	143	308	445	386	98	84
Females,	3,077	6	12	48	77	122	227	379	411	506	504	467	241	77
Young persons (under 18 years of age),	115	2	-	2	23	32	34	9	7	3	2	1	-	-
Hats, Wool.	701	4	5	2	22	44	41	84	120	119	54	98	34	74
Adults (18 years of age and over):		-	-	-	5	21	10	62	104	97	49	98	33	74
Males,	553	-	-	-	5	21	10	62	104	97	49	98	33	74
Females,	134	4	5	2	16	19	28	20	14	20	5	-	1	-
Young persons (under 18 years of age),	14	-	-	-	1	4	3	2	2	2	-	-	-	-

Hosiery and Knit Goods.	10,336	66	390	627	1,054	1,251	1,739	1,404	1,572	1,638	760	293	121	122
Adults (18 years of age and over):														
Males,	2,790	10	7	11	91	185	336	281	298	592	490	248	120	121
Females,	6,484	21	202	316	620	821	1,186	994	1,003	1,013	263	43	1	1
Young persons (under 18 years of age), . . .	1,552	24	181	300	343	245	217	129	71	33	7	2	-	-
House-Furnishing Goods, not elsewhere Specified.	843	-	1	9	108	82	71	70	156	147	124	63	6	6
Adults (18 years of age and over):														
Males,	553	-	-	-	5	8	38	43	146	119	119	63	6	6
Females,	153	-	-	1	39	39	19	21	8	26	5	-	-	-
Young persons (under 18 years of age), . . .	132	-	1	8	64	35	14	6	2	2	-	-	-	-
Instruments, Professional and Scientific.	688	4	7	22	62	41	39	45	64	77	84	151	67	25
Adults (18 years of age and over):														
Males,	568	-	-	8	24	21	31	34	51	74	82	151	67	25
Females,	52	-	-	2	9	7	7	10	12	3	2	-	-	-
Young persons (under 18 years of age), . . .	68	4	7	12	29	13	1	1	1	-	-	-	-	-
Iron and Steel, Steel Works, and Rolling Mills.	3,622	3	5	14	30	34	116	162	341	678	808	1,026	268	138
Adults (18 years of age and over):														
Males,	3,459	2	4	7	8	12	102	140	322	640	791	1,025	268	138
Females,	157	1	1	7	21	19	13	21	19	38	17	-	-	-
Young persons (under 18 years of age), . . .	6	-	-	-	1	3	1	1	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Roll- ing Mills.	1,395	2	6	11	133	46	288	50	56	89	264	288	159	23
Adults (18 years of age and over):		2	2	3	13	5	10	17	55	87	262	286	159	23
Males,	924													
Females,	371		1	7	66	27	253	13	-	1	1	2	-	-
Young persons (under 18 years of age), . .	100		3	1	54	14	25	-	1	1	1	-	-	-
Iron and Steel Forgings.	654				1	19	26	3	34	78	171	182	102	38
Adults (18 years of age and over):														
Males,	627						20	2	34	78	171	182	102	38
Females,	-													
Young persons (under 18 years of age), . .	27				1	19	6	1						
Iron and Steel, Nails and Spikes, Cut and Wrought, Including Wire Nails, not made in Steel Works or Rolling Mills.	1,172	1	2	31	88	128	158	127	150	90	147	118	67	66
Adults (18 years of age and over):														
Males,	856		1	3	7	25	120	110	123	73	145	118	66	65
Females,	229	1	1	24	37	71	35	13	27	17	2	-	1	-
Young persons (under 18 years of age), . .	87			4	44	32	3	4						

Ivory, Shell, and Bone Work, not including Combs and Hairpins. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	133	-	4	7	13	9	8	2	16	25	38	11	1	-
	102	-	-	-	7	1	7	2	12	23	38	11	1	-
	17	-	1	2	1	8	-	-	3	2	-	-	-	-
	14	-	3	5	5	-	1	-	-	-	-	-	-	-
	8,728	27	46	174	481	654	680	915	674	1,026	1,309	1,591	781	470
Jewelry. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	5,373	-	3	19	72	93	136	279	294	664	1,087	1,502	766	458
	2,617	18	16	55	193	350	373	556	370	354	216	89	15	12
	738	9	27	100	216	211	71	80	10	8	6	-	-	-
	307	-	-	9	32	35	64	54	28	19	30	29	6	3
	96	-	-	2	7	4	7	8	8	8	16	27	6	3
Jewelry and Instrument Cases. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	174	-	-	2	18	26	48	39	14	11	14	2	-	-
	37	-	-	5	7	5	9	7	4	-	-	-	-	-
	73	-	-	-	-	1	-	1	1	15	40	13	1	1
	72	-	-	-	-	1	-	1	-	15	40	13	1	1
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labels and Tags. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	1	-	-	-	-	-
	23	-	-	2	1	1	-	3	2	-	8	3	2	1
	15	-	-	1	-	-	-	1	1	-	6	3	2	1
	6	-	-	1	1	-	-	1	1	-	2	-	-	-
	2	-	-	-	-	1	-	1	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Lamps and Reflectors.	457	-	-	11	35	26	27	12	44	23	107	131	29	7
Adults (18 years of age and over):		-	-	1	-	3	8	8	66	27	105	131	29	7
Males,	355	-	-	-	-	9	5	-	4	1	2	-	-	-
Females,	21	-	-	-	-	14	14	4	4	-	-	-	-	-
Young persons (under 18 years of age), . . .	81	-	-	10	35	14	14	4	4	-	-	-	-	-
Lasts.	1,063	-	-	1	1	23	14	23	59	81	230	342	182	107
Adults (18 years of age and over):		-	-	-	-	3	10	16	58	80	229	341	182	107
Males,	1,026	-	-	-	-	3	1	1	-	1	1	-	-	-
Females,	7	-	-	-	-	17	3	6	1	-	-	1	-	-
Young persons (under 18 years of age), . . .	30	-	-	1	1	17	3	6	1	-	-	1	-	-
Leather Goods, not elsewhere Specified.	734	-	11	79	69	115	82	62	62	67	72	89	15	11
Adults (18 years of age and over):		-	-	4	3	11	9	16	37	43	49	81	15	11
Males,	280	-	1	-	-	-	-	-	-	-	-	-	-	-
Females,	258	-	1	9	27	45	58	40	25	22	23	8	-	-
Young persons (under 18 years of age), . . .	196	-	9	66	39	59	15	6	-	2	-	-	-	-
Leather, Tanned, Curried, and Finished.	13,014	9	10	20	148	298	783	1,005	2,272	3,282	2,390	1,991	611	195
Adults (18 years of age and over):		3	-	3	63	175	638	978	2,251	3,263	2,385	1,989	611	195
Males,	12,554	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	254	-	4	5	45	51	107	10	19	10	2	1	-	-
Young persons (under 18 years of age), . . .	206	6	6	12	40	72	38	17	2	9	3	1	-	-

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Lumber and Timber Products.	776	-	-	1	2	2	3	57	195	190	205	97	14	10
Adults (18 years of age and over):														
Males,	760	-	-	1	1	2	2	51	192	185	205	97	14	10
Females,	12	-	-	-	-	-	-	5	3	4	-	-	-	-
Young persons (under 18 years of age),	4	-	-	-	1	-	1	1	-	1	-	-	-	-
Lumber, Planing-Mill Products.	3,810	-	1	10	39	84	91	67	286	586	692	1,167	715	72
Adults (18 years of age and over):														
Males,	3,720	-	-	4	22	52	72	58	282	584	692	1,167	715	72
Females,	7	-	-	-	1	4	-	1	1	-	-	-	-	-
Young persons (under 18 years of age),	83	-	1	6	16	28	19	8	3	2	-	-	-	-
Marble and Stone Work.	4,345	2	6	7	16	36	43	71	181	616	1,381	1,474	394	116
Adults (18 years of age and over):														
Males,	4,285	1	4	3	8	21	24	68	176	615	1,381	1,474	394	116
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	58	1	2	4	8	15	19	3	5	1	-	-	-	-
Mattresses and Spring Beds.	818	-	5	16	53	62	97	78	90	149	102	139	21	12
Adults (18 years of age and over):														
Males,	564	-	-	5	9	28	44	46	71	119	79	130	21	12
Females,	200	-	-	1	16	29	50	24	18	30	23	9	-	-
Young persons (under 18 years of age),	54	-	5	10	28	5	3	2	1	-	-	-	-	-

Optical Goods.														
Adults (18 years of age and over):														
Males,	1,690	1	59	115	998	908	974	398	308	346	487	869	59	4
Females,	766	-	2	10	18	32	136	201	199	277	387	365	59	4
Young persons (under 18 years of age),	256	-	14	59	161	143	115	105	89	53	26	1	-	-
		1	43	46	49	27	23	20	14	16	14	3	-	-
Paints and Varnishes.														
Adults (18 years of age and over):														
Males,	568	-	-	3	11	39	17	9	49	143	169	90	21	17
Females,	508	-	-	-	4	14	7	6	43	141	166	90	20	17
Young persons (under 18 years of age),	37	-	-	-	5	14	4	2	6	2	3	-	1	-
	23	-	-	3	2	11	6	1	-	-	-	-	-	-
Paper and Wood Pulp.														
Adults (18 years of age and over):														
Males,	15,003	30	33	94	353	2,000	932	1,235	2,365	3,373	2,265	1,893	481	152
Females,	9,961	11	3	6	13	23	51	130	1,971	3,216	2,223	1,681	481	152
Young persons (under 18 years of age),	4,582	14	19	64	271	1,794	815	1,058	352	145	39	11	-	-
	460	5	10	24	68	183	66	47	42	12	3	-	-	-
Paper Goods, not elsewhere Specified.														
Adults (18 years of age and over):														
Males,	4,461	25	24	170	561	509	436	493	404	581	640	504	140	44
Females,	2,187	-	-	4	26	30	71	151	253	451	542	478	137	44
Young persons (under 18 years of age),	1,569	9	10	72	249	334	274	240	129	126	97	26	3	-
	705	16	14	94	286	145	91	32	22	4	1	-	-	-
Patent Medicines and Compounds and Druggists' Preparations.														
Adults (18 years of age and over):														
Males,	1,797	1	1	141	286	248	192	141	117	185	233	165	50	37
Females,	737	-	-	-	11	41	51	56	55	110	191	141	47	34
Young persons (under 18 years of age),	884	1	-	65	226	173	130	82	60	75	42	24	3	3
	176	-	1	76	49	34	11	3	2	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Photo-Engraving.														
Adults (18 years of age and over):	358	-	2	35	24	14	11	7	14	20	31	51	64	85
Males,		-	1	12	13	11	6	7	14	19	26	49	63	85
Females,	40	-	-	17	7	3	4	-	-	1	5	2	1	-
Young persons (under 18 years of age), . . .	12	-	1	6	4	-	1	-	-	-	-	-	-	-
Plumbers' Supplies.														
Adults (18 years of age and over):	922	1	7	15	45	55	63	78	100	144	184	181	34	15
Males,		-	-	6	21	35	55	64	93	144	184	181	34	15
Females,	32	-	4	-	3	5	4	11	5	-	-	-	-	-
Young persons (under 18 years of age), . . .	58	1	3	9	21	15	4	3	2	-	-	-	-	-
Pocketbooks.														
Adults (18 years of age and over):	386	-	4	2	22	49	67	67	45	52	45	22	9	4
Males,		-	-	-	-	1	-	-	12	30	39	22	9	4
Females,	229	-	2	1	13	33	59	65	32	20	4	-	-	-
Young persons (under 18 years of age), . . .	40	-	2	1	9	15	8	2	1	2	-	-	-	-
Pottery, Terra-Cotta, and Fire-Clay Products.														
Adults (18 years of age and over):	686	1	9	3	36	17	21	38	79	134	242	86	16	4
Males,		-	-	1	5	4	8	37	78	133	241	86	16	4
Females,	21	-	5	1	2	6	4	-	1	1	1	-	-	-
Young persons (under 18 years of age), . . .	52	1	4	1	29	7	9	1	-	-	-	-	-	-

Printing and Publishing.												
Adults (18 years of age and over):												
Males,	8	67	272	442	504	506	405	366	714	908	1,565	834
Females,	8	8	60	82	135	151	129	174	414	654	1,439	808
Young persons (under 18 years of age),	13	27	57	180	265	313	264	183	299	254	126	16
	5	32	155	180	104	42	12	9	1	-	-	-
Refrigerators.												
Adults (18 years of age and over):												
Males,	147	-	-	-	3	1	2	4	9	41	47	34
Females,	146	-	-	-	2	1	2	4	9	41	47	34
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	-	-	1	-	-	-	-	-	-	-
Regalia and Society Badges and Emblems.												
Adults (18 years of age and over):												
Males,	35	-	-	-	7	12	2	5	6	1	2	-
Females,	5	-	-	-	-	1	-	1	1	1	1	-
Young persons (under 18 years of age),	26	-	-	-	6	9	2	3	5	-	1	-
	4	-	-	-	1	2	-	1	-	-	-	-
Rubber Goods, not elsewhere Specified.												
Adults (18 years of age and over):												
Males,	5,481	51	49	253	217	222	423	706	1,219	1,069	670	506
Females,	4,268	14	4	41	39	92	244	560	1,079	989	618	497
Young persons (under 18 years of age),	727	18	24	93	78	61	68	119	137	69	51	9
	486	19	21	124	100	69	111	27	3	11	1	-
Saddlery and Harness.												
Adults (18 years of age and over):												
Males,	354	-	1	6	6	9	11	26	111	95	66	13
Females,	324	-	-	2	1	5	6	33	103	95	66	13
Young persons (under 18 years of age),	18	-	1	1	1	3	3	1	8	-	-	-
	12	-	-	3	4	1	2	2	-	-	-	-

	989	-	-	3	7	3	14	5	36	61	141	486	177	59
Shipbuilding, Wooden, Including Boat-Building.														
Adults (18 years of age and over):														
Males,	974	-	-	1	6	3	10	5	25	61	141	486	177	59
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	-	-	2	1	-	4	-	1	-	-	-	-	-
Shirts.														
Adults (18 years of age and over):	3,037	48	66	91	169	217	250	265	258	370	132	118	39	14
Males,	379	-	4	4	7	7	20	10	24	60	77	113	39	14
Females,	1,555	44	44	75	142	193	217	247	231	302	55	5	-	-
Young persons (under 18 years of age),	103	4	18	12	20	17	13	8	3	8	-	-	-	-
Shoddy.														
Adults (18 years of age and over):	624	4	-	-	5	38	49	108	196	113	62	28	18	3
Males,	560	2	-	-	2	2	35	108	195	107	60	28	18	3
Females,	60	2	-	-	1	34	14	-	1	6	2	-	-	-
Young persons (under 18 years of age),	4	-	-	-	2	2	-	-	-	-	-	-	-	-
Show Cases.														
Adults (18 years of age and over):	120	-	-	-	1	2	2	1	2	12	13	62	22	3
Males,	119	-	-	-	-	2	2	1	2	12	13	62	22	3
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.														
Adults (18 years of age and over):	212	-	5	2	19	19	17	14	14	10	39	58	20	5
Males,	134	-	-	-	2	3	3	5	6	5	27	58	20	5
Females,	61	-	-	-	13	12	12	9	8	5	2	-	-	-
Young persons (under 18 years of age),	17	-	5	2	4	4	2	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Silk and Silk Goods, Including Throwsters.	4,773	40	44	184	383	535	613	605	584	790	807	230	40	18
Adults (18 years of age and over):														
Males,	1,241	3	-	2	19	40	51	47	139	273	404	207	38	18
Females,	2,531	25	15	35	151	262	358	357	403	498	402	23	2	-
Young persons (under 18 years of age),	1,001	12	29	147	213	233	204	101	42	19	1	-	-	-
Silverware and Plated Ware.	2,918	1	32	43	81	174	170	169	241	268	548	778	283	130
Adults (18 years of age and over):														
Males,	2,246	-	-	20	11	36	40	67	144	225	521	771	281	130
Females,	499	-	-	3	25	89	117	95	91	43	27	7	2	-
Young persons (under 18 years of age),	173	1	32	20	45	49	13	7	6	-	-	-	-	-
Slaughtering and Meat Packing.	3,438	12	10	35	35	75	70	178	682	911	767	495	106	62
Adults (18 years of age and over):														
Males,	3,313	9	3	15	21	38	56	168	667	908	766	494	106	62
Females,	24	2	4	7	-	7	1	1	-	1	-	1	-	-
Young persons (under 18 years of age),	101	1	3	13	14	30	13	9	15	2	1	-	-	-
Soap.	548	2	7	35	46	38	26	29	60	100	106	76	15	9
Adults (18 years of age and over):														
Males,	381	-	-	3	2	2	7	10	55	96	106	76	15	9
Females,	105	1	4	11	32	22	13	15	4	3	-	-	-	-
Young persons (under 18 years of age),	62	1	3	21	12	14	5	4	1	1	-	-	-	-

Sporting and Athletic Goods.											
Adults (18 years of age and over):											
Males,	817	-	-	33	91	94	95	83	124	181	280
Females,	304	-	1	18	59	62	55	30	31	36	11
Young persons (under 18 years of age),	114	-	14	14	26	30	16	8	4	10	6
Stationary Goods, not elsewhere Specified.											
Adults (18 years of age and over):											
Males,	592	2	-	1	11	18	32	35	56	86	135
Females,	712	3	4	23	64	118	104	94	103	113	68
Young persons (under 18 years of age),	352	2	5	75	100	73	39	37	16	1	2
Statuary and Art Goods.											
Adults (18 years of age and over):											
Males,	130	-	-	-	1	2	-	6	7	15	36
Females,	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	1	-	-	-	-
Steam Fittings and Heating Apparatus.											
Adults (18 years of age and over):											
Males,	3,436	-	-	7	32	145	150	477	636	484	455
Females,	121	-	2	4	30	65	10	3	3	4	-
Young persons (under 18 years of age),	55	1	1	3	16	21	9	2	-	2	-
Steam Packing.											
Adults (18 years of age and over):											
Males,	78	-	-	-	-	-	-	7	6	11	16
Females,	2	-	-	-	-	-	-	-	-	2	-
Young persons (under 18 years of age),	5	-	-	-	1	2	-	1	1	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Stereotyping and Electrotyping.	298	-	-	13	12	21	9	16	9	16	39	68	67	30
Adults (18 years of age and over):														
Males,	257	-	-	6	4	12	5	11	8	14	37	64	66	30
Females,	11	-	-	-	-	3	1	-	-	2	2	2	1	-
Young persons (under 18 years of age), . . .	30	-	-	7	8	6	3	5	1	-	-	-	-	-
Stoves and Furnaces, not including Gas and Oil Stoves.	1,723	-	1	7	2	14	30	17	36	259	282	363	284	368
Adults (18 years of age and over):														
Males,	1,696	-	1	6	-	9	23	14	89	257	282	363	284	368
Females,	3	-	-	-	-	-	-	1	-	2	-	-	-	-
Young persons (under 18 years of age), . . .	24	-	-	1	2	5	7	2	7	-	-	-	-	-
Structural Ironwork.	1,930	1	-	6	8	12	24	32	71	424	480	514	229	129
Adults (18 years of age and over):														
Males,	1,918	1	-	6	4	10	19	32	71	423	480	514	229	129
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age), . . .	12	-	-	-	4	2	5	-	-	1	-	-	-	-
Surgical Appliances.	233	-	2	11	17	33	27	13	31	36	16	26	17	4
Adults (18 years of age and over):														
Males,	135	-	-	-	-	1	6	11	26	32	14	24	17	4
Females,	71	-	-	2	10	31	14	2	5	3	2	2	-	-
Young persons (under 18 years of age), . . .	27	-	2	9	7	1	7	-	-	1	-	-	-	-

Suspenders, Garters, and Elastic Woven Goods.	3,684	7	114	290	339	417	373	399	463	498	383	313	119	34
Adults (18 years of age and over):														
Males,	1,161	-	1	11	33	48	64	69	102	194	227	266	114	32
Females,	2,105	2	9	96	210	311	286	320	361	300	156	47	5	2
Young persons (under 18 years of age),	418	5	104	113	96	58	23	10	5	4	-	-	-	-
Tobacco Manufactures.														
Adults (18 years of age and over):	4,463	52	74	121	170	237	401	243	143	177	423	1,063	351	510
Males,	3,043	5	15	17	23	44	50	43	48	113	369	900	325	502
Females,	1,285	39	36	59	117	182	336	193	99	64	53	73	26	8
Young persons (under 18 years of age),	140	8	23	45	31	11	15	6	1	-	-	-	-	-
Toys and Games.														
Adults (18 years of age and over):	1,431	4	33	110	136	143	134	164	178	218	165	93	25	13
Males,	845	-	3	15	32	50	64	113	135	164	141	90	25	13
Females,	452	1	17	37	86	79	63	47	41	54	24	3	-	-
Young persons (under 18 years of age),	124	3	13	58	18	19	7	4	2	-	-	-	-	-
Trunks and Valises.														
Adults (18 years of age and over):	534	1	19	17	31	50	34	39	46	60	106	110	18	3
Males,	358	-	1	9	12	13	9	15	29	44	97	109	17	3
Females,	105	-	4	4	6	19	13	20	16	14	7	1	1	-
Young persons (under 18 years of age),	71	1	14	4	13	18	12	4	1	2	2	-	-	-
Type Founding and Printing Materials.														
Adults (18 years of age and over):	136	-	-	6	11	13	10	1	4	5	18	20	26	12
Males,	96	-	-	-	2	7	5	1	2	5	18	20	-	-
Females,	23	-	-	4	7	6	4	-	2	-	-	-	-	-
Young persons (under 18 years of age),	5	-	-	2	2	-	1	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and Over
Upholstering Materials.														
Adults (18 years of age and over):	220	1	-	4	16	2	7	1	98	39	27	22	4	-
Males,	102	-	-	-	1	-	2	-	98	38	27	22	4	-
Females,	20	1	-	4	9	-	5	-	-	1	-	-	-	-
Young persons (under 18 years of age),	8	-	-	-	5	2	-	1	-	-	-	-	-	-
Vinegar and Cider.														
Adults (18 years of age and over):	113	-	-	-	1	-	-	1	7	55	38	10	1	-
Males,	111	-	-	-	-	-	-	1	7	54	38	10	1	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	1	-	-	-	-	1	-	-	-	-
Waste.														
Adults (18 years of age and over):	701	-	-	27	162	23	194	81	40	84	58	23	7	2
Males,	421	-	-	-	-	1	128	76	39	83	57	23	7	2
Females,	262	-	-	27	145	26	56	5	1	1	1	-	-	-
Young persons (under 18 years of age),	18	-	-	-	7	1	10	-	-	-	-	-	-	-
Watch and Clock Materials.														
Adults (18 years of age and over):	191	-	2	12	9	8	10	57	23	12	11	22	18	7
Males,	67	-	-	-	1	1	2	3	4	3	7	21	18	7
Females,	109	-	1	5	6	6	7	53	18	8	4	1	-	-
Young persons (under 18 years of age),	15	-	1	7	2	1	1	1	1	1	-	-	-	-

Whips.												
Adults (18 years of age and over):												
Males,	1,093	6	18	25	55	72	98	91	119	223	180	105
Females,	721	-	2	5	2	9	10	45	78	266	167	101
Young persons (under 18 years of age),	318	6	7	6	41	49	81	45	39	27	13	4
	53	-	3	14	12	14	7	1	2	-	-	-
Window Shades and Fixtures.												
Adults (18 years of age and over):												
Males,	79	-	-	-	10	4	6	6	5	11	14	19
Females,	59	-	-	-	4	3	3	3	3	9	13	18
Young persons (under 18 years of age),	15	-	-	-	2	1	3	3	1	2	1	1
	5	-	-	-	4	-	-	-	1	-	-	-
Wire.												
Adults (18 years of age and over):												
Males,	4,063	-	4	14	63	58	80	95	495	759	881	1,189
Females,	3,864	-	1	-	21	21	44	75	479	741	871	1,195
Young persons (under 18 years of age),	82	-	-	-	10	7	7	12	14	18	10	4
	117	-	3	14	31	30	29	8	2	-	-	-
Wirework, Including Wire Rope and Cable.												
Adults (18 years of age and over):												
Males,	2,281	31	18	39	169	183	253	237	235	276	319	265
Females,	1,688	6	5	18	44	80	153	199	190	255	318	264
Young persons (under 18 years of age),	362	24	9	8	39	68	75	80	41	16	1	1
	231	1	4	63	86	35	25	8	4	5	-	-
Wood, Turned and Carved.												
Adults (18 years of age and over):												
Males,	1,425	2	1	16	58	325	326	157	153	173	150	80
Females,	1,290	-	1	1	9	288	307	133	129	168	150	80
Young persons (under 18 years of age),	25	-	-	-	7	3	6	2	2	5	-	-
	110	2	-	15	42	34	13	2	2	-	-	-

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Concluded.

INDUSTRIES AND SEX.	Total Number of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER												
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$12	\$12 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 and over
Wooden Goods, not elsewhere Specified.	280	-	-	4	9	5	14	10	28	76	80	50	6	-
Adults (18 years of age and over):		-	-	-	3	1	8	10	27	76	80	50	6	-
Males,	261	-	-	-	3	1	8	10	27	76	80	50	6	-
Females,	4	-	1	1	1	-	2	-	-	-	-	-	-	-
Young persons (under 18 years of age),	15	-	3	3	5	2	4	-	1	-	-	-	-	-
Wool Scouring.	879	-	-	4	13	34	17	147	211	169	78	185	15	6
Adults (18 years of age and over):		-	-	-	-	3	14	146	210	168	78	185	15	6
Males,	825	-	-	-	-	3	14	146	210	168	78	185	15	6
Females,	42	-	3	3	13	23	-	1	1	1	-	-	-	-
Young persons (under 18 years of age),	12	-	1	1	-	8	3	-	-	-	-	-	-	-
Woolen and Worsted Goods.	59,931	114	605	2,454	6,419	9,866	9,480	6,639	9,048	9,334	5,339	753	277	277
Adults (18 years of age and over):		78	51	216	1,120	2,956	5,552	4,237	5,502	7,199	4,742	703	277	277
Males,	32,660	78	51	216	1,120	2,956	5,552	4,237	5,502	7,199	4,742	703	277	277
Females,	20,459	18	133	720	2,903	4,951	3,355	2,201	3,405	2,093	586	50	-	-
Young persons (under 18 years of age),	6,812	18	132	421	1,518	2,396	1,359	201	141	42	11	-	-	-
All Other Industries.	26,384	43	618	1,173	1,947	1,798	2,058	3,104	3,747	4,540	5,254	1,993	637	637
Adults (18 years of age and over):		11	4	30	75	197	495	1,230	2,216	3,205	4,425	1,291	637	637
Males,	19,053	11	4	30	75	197	495	1,230	2,216	3,205	4,425	1,291	637	637
Females,	5,349	27	74	171	450	1,211	1,167	758	841	525	111	12	2	-
Young persons (under 18 years of age),	1,977	4	95	417	648	539	136	70	47	17	4	-	-	-

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	8,371	291.8	The State — Con.		
Agricultural implements,	5	301.6	Confectionery,	116	291.0
Artificial stone,	29	277.8	Cooperage,	34	276.1
Automobiles, including bodies and parts,	57	295.5	Copper, tin, and sheet iron products,	118	298.1
Awnings, tents, and sails,	40	275.9	Cordage and twine,	16	288.2
Baskets, and rattan and willow-ware,	14	270.4	Cordials and sirups,	7	306.0
Belting and hose, leather,	15	302.8	Corsets,	11	299.5
Belting and hose, woven,	7	285.4	Cotton goods,	168	284.9
Bicycles, motorcycles, and parts,	5	299.8	Cotton small wares,	25	295.6
Billiard tables and materials,	5	305.8	Cutlery and tools, not elsewhere specified,	135	289.8
Blacking,	50	301.4	Dairymen's, poulterers', and apiarists' supplies,	5	299.0
Bookbinding and blank-book making,	48	301.9	Dentists' materials,	7	306.0
Boot and shoe cut stock and findings,	366	292.9	Dyeing and finishing textiles,	50	290.5
Boots and shoes,	460	282.1	Dyestuffs and extracts,	13	292.7
Boots and shoes, rubber,	8	283.6	Electrical machinery, apparatus, and supplies,	78	295.3
Boxes, cigar,	4	300.0	Electroplating,	34	303.0
Boxes, fancy and paper,	95	290.7	Emery and other abrasive wheels,	11	302.5
Boxes, wooden packing,	103	292.9	Enameling and japaning,	12	292.5
Brass and bronze products,	69	299.3	Engraving and diesinking,	21	295.0
Bread and other bakery products,	823	308.2	Envelopes,	12	300.4
Brick and tile,	42	170.7	Fancy articles not elsewhere specified,	17	296.6
Brooms,	21	275.6	Felt goods,	12	278.8
Brushes,	28	293.5	Firearms,	6	292.8
Butter,	18	295.1	Flavoring extracts,	12	305.4
Buttons,	8	288.6	Flour-mill and grist-mill products,	71	271.7
Canning and preserving,	55	272.7	Food preparations,	30	237.4
Card cutting and designing,	4	293.3	Foundry and machine-shop products,	614	304.5
Carpets and rugs, other than rag,	10	302.1	Fur goods,	12	292.7
Carpets, rag,	17	276.3	Furnishing goods, men's,	15	273.1
Carriages and sleds, children's,	5	290.8	Furniture,	112	294.8
Carriages and wagons and materials,	85	303.6	Galvanizing,	3	293.7
Cars and general shop construction and repairs by steam-rail-road companies,	21	308.5	Gas and electric fixtures,	10	300.5
Chemicals,	19	290.9	Glass cutting, staining, and ornamenting,	23	294.9
Cleansing and polishing preparations,	15	301.4	Glue,	10	271.4
Clocks,	7	300.3	Gold and silver, leaf and foil,	10	290.0
Cloth, sponging and re-finishing,	3	306.0	Gold and silver, reducing and refining, not from the ore,	7	305.3
Clothing, men's,	193	268.4	Grease and tallow,	35	294.7
Clothing, women's,	173	276.2	Hand-knit goods,	6	305.8
Coffee and spice, roasting and grinding,	16	299.2	Hand stamps and stencils and brands,	24	298.9
Coffins, burial cases, and undertakers' goods,	12	297.1	Hardware,	36	298.4
Combs and hairpins,	37	281.6	Hats and caps, other than felt, straw and wool,	25	280.6
			Hats, felt,	8	252.0
			Hats, straw,	19	265.3

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Hats, wool,	3	286.0	Paints and varnishes, . .	35	295.9
Hosiery and knit goods, .	62	289.7	Paper and wood pulp, .	91	274.9
House furnishing goods, not elsewhere specified, .	24	282.1	Paper goods, not elsewhere specified, . .	41	294.9
Instruments, professional and scientific,	20	296.3	Patent medicines and compounds and druggists' preparations, . .	71	296.8
Iron and steel, steel works and rolling mills, . .	6	288.2	Photo-engraving,	12	304.3
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	8	298.9	Plumbers' supplies, . . .	21	294.9
Iron and steel forgings, . .	10	295.6	Pocketbooks,	5	300.0
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	23	284.3	Pottery, terra-cotta, and fire-clay products, . .	17	274.2
Ivory, shell and bone work, not including combs and hairpins, .	4	260.5	Printing and publishing, .	120	302.4
Jewelry,	153	279.5	Refrigerators,	12	292.8
Jewelry and instrument cases,	12	299.8	Regalia and society badges and emblems, .	5	284.4
Kaolin and ground earths,	6	305.2	Rubber goods, not elsewhere specified, . .	34	296.2
Labels and tags,	4	306.0	Saddlery and harness, . .	29	300.1
Lamps and reflectors, . .	5	302.0	Sausage, not made in slaughtering and meat-packing establishments, .	47	298.1
Lasts,	29	290.5	Scales and balances, . .	4	301.0
Leather goods, not elsewhere specified,	40	290.5	Screws, machine,	14	302.6
Leather tanned, curried, and finished,	126	291.3	Shipbuilding, wooden, including boat building, .	52	277.6
Lime,	9	275.6	Shirts,	14	293.4
Linen goods,	8	299.4	Shoddy,	26	249.9
Liquors, distilled, . . .	6	289.8	Showcases,	11	301.5
Liquors, malt,	33	302.4	Signs and advertising novelties,	12	301.8
Looking-glass and picture frames,	20	300.9	Silk and silk goods, including throwsters, .	17	282.0
Lumber and timber products,	25	235.2	Silverware and plated ware,	21	277.6
Lumber, planing-mill products,	165	299.4	Slaughtering and meat packing,	38	264.0
Marble and stone work, .	106	262.2	Soap,	37	291.2
Mattresses and spring beds,	38	293.5	Sporting and athletic goods,	16	302.4
Millinery and lace goods, .	69	279.2	Stationery goods, not elsewhere specified, . .	19	296.5
Mineral and soda waters, .	78	283.0	Statuary and art goods, .	10	293.5
Models and patterns, not including paper patterns,	57	295.3	Steam fittings and heating apparatus,	28	290.1
Monuments and tombstones,	149	281.7	Steam packing,	9	301.3
Mucilage and paste, . . .	16	292.1	Stereotyping and electrotyping,	13	304.9
Musical instruments and materials, not elsewhere specified,	13	296.2	Stoves and furnaces, not including gas and oil stoves,	13	267.4
Musical instruments, pianos and organs, and materials,	50	298.7	Structural ironwork, . .	46	304.1
Oil, not elsewhere specified,	17	303.5	Surgical appliances, . .	10	302.9
Optical goods,	8	284.3	Suspenders, garters, and elastic woven goods, .	32	289.1
			Tobacco manufactures, .	338	287.0
			Toys and games,	10	295.9
			Trunks and valises, . .	19	293.5
			Type founding and printing materials, . .	8	296.3
			Upholstering materials, .	5	261.6

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Es- tablish- ments	Average Number of Days in Oper- ation	INDUSTRIES.	Number of Es- tablish- ments	Average Number of Days in Oper- ation
The State — Con.			The State — Con.		
Vinegar and cider, . . .	11	244.4	Wirework, including wire rope and cable, . . .	33	290.0
Waste,	9	300.8	Wood, turned and carved,	45	285.3
Watch and clock ma- terials,	5	283.6	Wooden goods, not else- where specified, . . .	27	287.7
Whips,	24	291.6	Wool scouring,	10	288.6
Window shades and fix- tures	10	303.4	Woolen and worsted goods, All other industries, .	167	287.2
Wire,	8	304.0		176	293.9

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation	CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation
THE STATE.	8,271	291.8	The State — Con.		
Abington,	12	291.8	Easthampton,	16	276.8
Acton,	14	272.3	Easton,	8	297.5
Adams,	26	298.7	Erving,	4	288.5
Agawam,	8	294.0	Essex,	3	259.0
Amesbury,	45	277.0	EVERETT,	47	285.3
Amherst,	15	279.4	FALL RIVER,	222	295.7
Andover,	9	298.9	FITCHBURG,	115	290.1
Arlington,	13	265.8	Foxborough,	12	260.3
Ashburnham,	10	251.6	Framingham,	33	289.7
Athol,	30	291.0	Franklin,	25	284.9
Attleborough,	119	284.0	Gardner,	48	291.3
Auburn,	4	265.5	Georgetown,	6	230.0
Ayer,	12	300.2	GLOUCESTER,	76	284.3
Barnstable,	4	234.8	Grafton,	13	296.4
Becket,	6	299.5	Great Barrington, . .	13	292.4
BEVERLY,	42	283.6	Greenfield,	32	275.8
Billerica,	6	265.6	Groton,	6	303.0
Boston,	2,061	291.5	Hanover,	4	284.3
Braintree,	13	294.3	HAVERHILL,	310	294.8
Bridgewater,	14	262.0	Hingham,	5	238.0
BROCKTON,	179	289.6	HOLYOKE,	132	288.6
Brookfield,	3	305.0	Hudson,	22	289.0
Brookline,	11	305.6	Kingston,	5	271.4
CAMBRIDGE,	244	294.7	LAWRENCE,	129	294.4
Canton,	13	293.7	Lee,	15	276.8
Chelmsford,	11	287.4	Leicester,	10	296.9
CHELSEA,	87	293.7	Leominster,	76	283.4
Chester,	5	275.0	Lexington,	5	300.7
CHICOPEE,	39	282.4	LOWELL,	230	295.3
Clinton,	25	298.1	LYNN,	377	288.6
Concord,	8	269.1	MALDEN,	56	285.1
Dalton,	9	298.9	Manchester,	5	284.0
Danvers,	23	264.9	Mansfield,	18	284.5
Dedham,	9	301.5	Marblehead,	22	254.4
Deerfield,	7	274.3	MARLBOROUGH, . . .	37	278.2
Dighton,	7	288.0	MEDFORD,	25	292.1
Douglas,	4	304.8	Medway,	9	277.9
Dudley,	9	301.6	MELROSE,	16	297.4
			Merrimac,	7	291.4

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Methuen,	17	299.6	SALEM,	140	297.9
Middleborough,	18	293.8	Saugus,	5	299.3
Milford,	36	297.9			
			Shelburne,	4	288.5
Millbury,	25	280.6	Shirley,	6	264.7
Milton,	4	248.8	SOMERVILLE,	95	296.1
Monson,	9	288.2	Southbridge,	23	299.7
Montague,	16	282.4	South Hadley,	11	264.0
Natick,	32	265.0			
			Spencer,	11	258.8
Needham,	17	294.8	SPRINGFIELD,	252	296.2
NEW BEDFORD,	168	293.7	Stonesham,	19	291.3
NEWBURYPORT,	49	293.5	Stoughton,	18	290.7
NEWTON,	40	295.7	Swampscott,	3	306.0
NORTH ADAMS,	44	294.3			
			TAUNTON,	92	289.0
NORTHAMPTON,	50	288.3	Templeton,	16	266.5
North Andover,	7	308.7	Townsend,	6	290.3
North Attleborough,	61	271.9	Uxbridge,	10	294.5
Northborough,	6	253.8	Wakefield,	14	298.7
Northbridge,	10	305.3			
			Walpole,	11	301.8
North Brookfield,	7	281.6	WALTHAM,	58	292.1
Norton,	9	291.5	Ware,	13	300.3
Norwood,	14	300.4	Wareham,	9	287.2
Orange,	20	276.2	Warren,	9	290.8
Oxford,	9	257.6			
			Watertown,	13	278.2
Palmer,	12	299.7	Wellesley,	4	296.8
Peabody,	69	290.1	Westborough,	12	289.3
Pepperell,	10	253.5	Westfield,	74	294.8
PITTSFIELD,	44	295.7	Westford,	13	238.8
Plainville,	5	266.0			
			West Springfield,	12	285.5
Plymouth,	21	294.9	West Stockbridge,	5	272.0
QUINCY,	150	284.1	Weymouth,	31	287.8
Randolph,	7	286.9	Whitman,	17	294.1
Reading,	15	280.7	Williamsburg,	11	292.4
Revere,	5	275.6			
			Winchendon,	18	299.2
Rockland,	15	295.0	Winchester,	15	295.7
Rockport,	12	241.3	WOBURN,	44	292.6
Rowley,	7	277.3	WORCESTER,	447	297.3
			Other towns,	345	273.5

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The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

TWENTY-EIGHTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1913



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ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-258 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 41 North Main Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

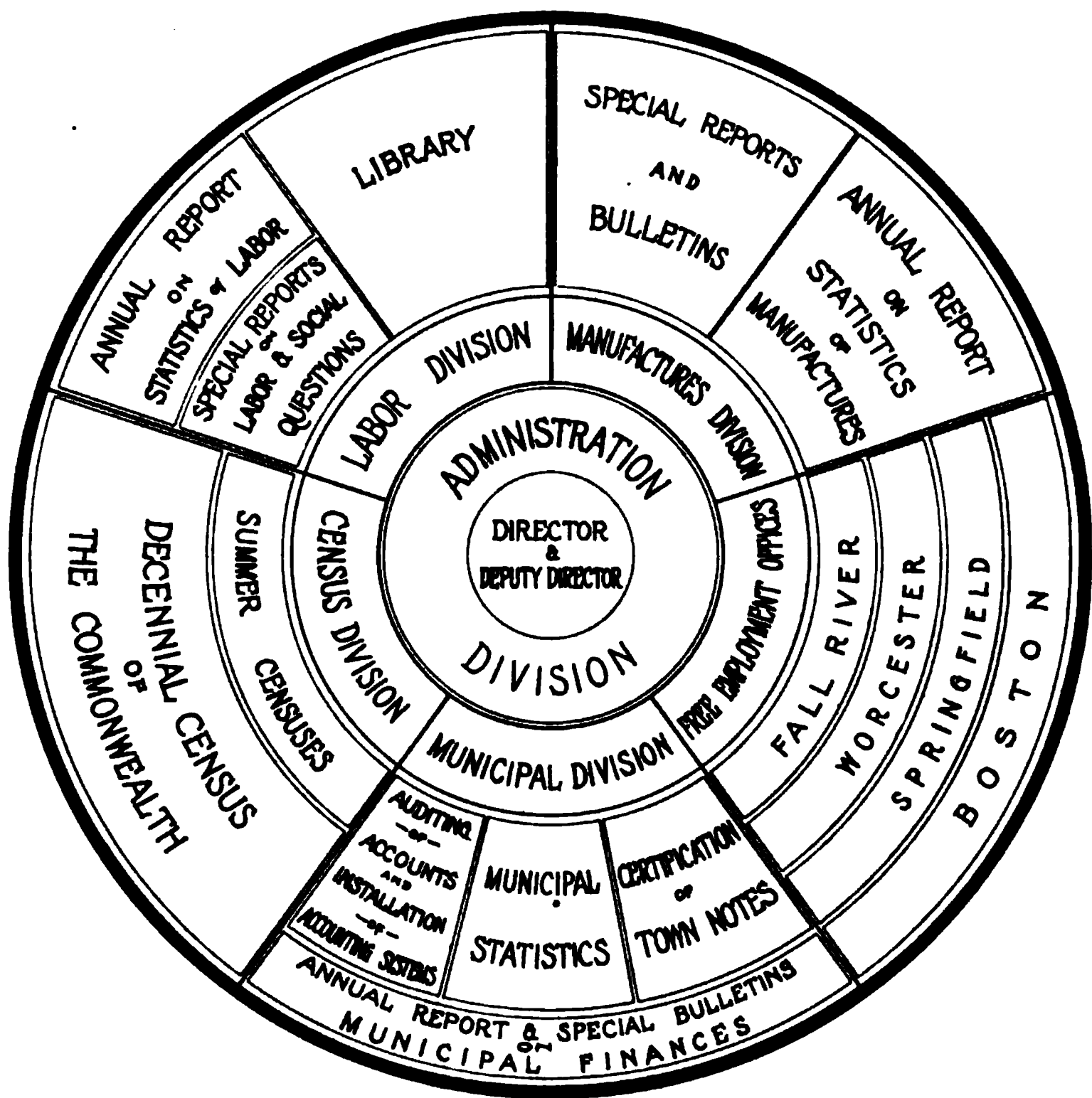
SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

APPROVED BY THE STATE BOARD OF PUBLICATION.

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

ORGANIZATION



DIRECTORS OF THE BUREAU

1869 - 1873	HENRY K. OLIVER
1873 - 1888	CARROLL D. WRIGHT
1888 - 1903	HORACE G. WADLIN
1903 - 1907	CHARLES F. PIDGIN
1907 -	CHARLES F. GETTENDY

The Commonwealth of Massachusetts

TWENTY-EIGHTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1913.

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.

BOSTON:

**WRIGHT & POTTER PRINTING CO., STATE PRINTERS
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1914.

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

APPROVED BY THE STATE BOARD OF PUBLICATION.

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STATISTICS OF MANUFACTURES—1913.

INTRODUCTION.

The data for the 28th Annual Report on the Statistics of Manufactures represent returns from 8,405 establishments for the year 1913 which register an aggregate value of goods made in our manufacturing industries for that year of nearly one and two-thirds billions of dollars (\$1,658,728,363). These figures exhibit a net gain over 1912 of 134 in the number of establishments, and an increase of \$61,993,918, or 3.9 per cent, in product value. As compared with the Census of 1909, when the total stood at \$1,490,529,386, our industrial growth is measured by a gain in product value of \$168,198,977, or 11.3 per cent, — an average for the four-year period of 2.8 per cent per year.

It is, of course, true that these figures are affected to a certain extent by price change and that general prices have not been declining in the last four years, not only as regards the necessities of life, but also for materials to be used for further production. The fact that on the whole there was substantial gain in 1913 is, however, borne out and perhaps better shown by the more significant comparison of the average number of wage-earners employed during the year, which rose from 608,590 in 1912 to 616,927 in 1913, an increase of 8,337, or 1.4 per cent.

The figures for the census year 1909, as given above, and those of 1913 are, of course, not directly comparable for reasons which have been stated in other reports, and which are repeated here in order that the full significance of the returns for 1913 may be appreciated. The Federal Census, taken once in five years, includes within its scope all manufacturing industries having a product value of \$500 and over. Manifestly, there is a large number of establishments of the latter class, for this minimum, leaving out of consideration the cost of materials, would scarcely cover the earnings of one wage-earner for a full

year, and the census reports call attention to the fact that establishments having a product value ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments (23.6 per cent) *represent less than one-half of one per cent* of the aggregate product value for All Industries.¹ For very obvious reasons, therefore, the annual canvass leaves such establishments out of the account, and while apparently limited in scope, it covers a field sufficiently wide to portray the salient facts in manufacturing industries. The chief omissions as compared with the Census, besides the small establishments referred to, are concerns engaged in the printing and publishing of newspapers and periodicals, and the establishments engaged in the manufacture of gas. Making due allowance for these omissions, and assuming that the last named industries have not declined in product value since 1909, which is probable, there might be added some \$35,000,000 to the aggregate for 1913 which would carry the total appreciably forward toward the two-billion-dollar mark.

The figures for 1909 and 1913 are brought together in the following table:

	1909	1913
<i>Number of Establishments,</i>	11,694	8,405
<i>Total Amount of Capital Invested,</i>	\$1,279,686,558	\$1,845,461,875
<i>Total Value of Manufactured Product,</i>	\$1,490,529,386	\$1,658,728,363
<i>Total Value of Stock and Materials Used,</i>	\$830,764,943	\$961,778,476
<i>Total Amount of Wages Paid in Manufacturing Establishments,</i>	\$301,173,464	\$351,299,706
<i>Average Number of Wage-Earners,</i>	584,559	616,927

The condition of our manufacturing industries, as a whole, from year to year since the financial depression of 1907 is shown in the next table which brings together the principal figures for the six-year period, the data having been taken on the same basis each year with the exception of those for the census year 1909, the differences concerning which have just been pointed out. The summary is as follows:

¹ 13th Census of the United States, Vol. IX, page 507.

CHART I.

MASSACHUSETTS LEADERSHIP IN BOOTS & SHOES, AND THE TEXTILES PROPORTIONATE DISTRIBUTION BY STATES OF ANNUAL PRODUCTION OF BOOTS AND SHOES COTTON GOODS, AND WOOLEN & WORSTED GOODS BOOTS & SHOES

1
2
3
4
5
6
7

STATES

COTTON
INCLUDING
SMALL

WOOLEN &
WORSTED
GOODS &
HATS

1 MASSACHUSETTS	
2 NORTH CAROLINA	8 NEW HAMPSHIRE
3 SOUTH CAROLINA	9 ALABAMA
4 RHODE ISLAND	10 MAINE
5 GEORGIA	11 NEW YORK
6 PENNSYLVANIA	12 NEW JERSEY
7 CONNECTICUT	13 ALL OTHER STATES

1 MASSACHUSETTS	
2 PENNSYLVANIA	7 MAINE
3 RHODE ISLAND	8 NEW HAMPSHIRE
4 NEW JERSEY	9 OHIO
5 NEW YORK	10 VIRGINIA
6 CONNECTICUT	11 ALL OTHER STATES

All Industries.

YEARS.	Number of Estab- lishments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage- Earners
1907,	5,671	\$1,364,431,255	\$779,840,958	\$278,191,113	539,962
1908,	6,044	1,172,808,782	669,259,739	245,207,180	480,134
1909 (census year), . . .	11,684	1,490,529,396	830,764,943	301,173,464	¹ 584,559
1910,	7,939	1,465,749,310	863,381,866	304,852,691	578,551
1911,	8,132	1,467,961,803	863,050,379	311,148,856	584,033
1912,	8,371	1,596,734,445	929,304,882	335,553,704	608,590
1913,	8,405	1,658,728,363	961,778,476	351,299,706	616,927

¹ Not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, and 1913.

Limitations as to the aggregate for All Industries, however, do not obtain when we come to consider the totals for the principal industries of the State, such as those for Boots and Shoes, Cotton Goods, Woolen and Worsted Goods, Leather (Tanned, Curried, and Finished), and Paper and Wood Pulp. For these the annual canvass covers all the establishments, and the figures are directly comparable with census totals. Moreover, in the first three industries mentioned, Massachusetts is the ranking State in the Union. (See Chart I., facing page vi.) The five industries for which comparisons have been brought forward from year to year in these reports are extended for 1913 to include a sixth for which the annual returns cover all the establishments operating, namely,

Electrical Machinery, Apparatus, and Supplies. — This industry has in the last half-decade maintained a rapid and steady growth until it has become entitled to consideration as one of the leading industries of the Commonwealth. Since the year 1907, when the product value was approximately twenty-seven millions of dollars, there has been an increase in production of over 100 per cent (103.9), and the number of wage-earners employed has risen from 13,453 in 1907 to 22,437 in 1913, a gain of, approximately, 67 per cent. The total wages paid in the industry for the six-year period exhibit an increase of approximately 98 per cent, and the cost of materials used, 112 per cent. At the Census of 1909, Massachusetts was fourth in rank among the states in the manufacture of electrical

machinery, apparatus, and supplies, and this relative position was doubtless sustained and even improved for 1913. The increase in 1913 over 1912 amounted to 13.5 per cent both in value of product and in the amount paid in wages, approximately 13 per cent in cost of materials, and upwards of 10 per cent in the average number of wage-earners.

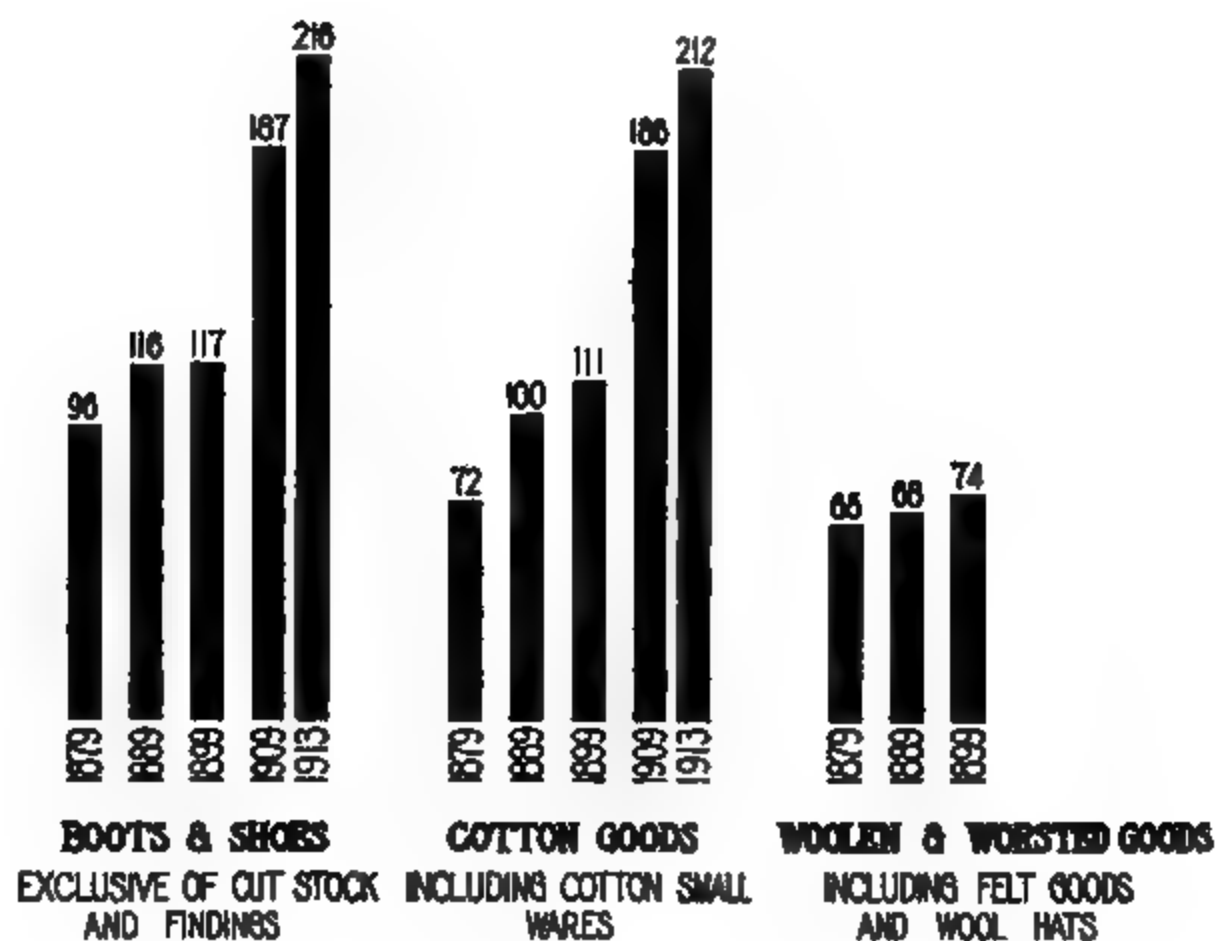
Boots and Shoes, exclusive of Cut Stock and Findings. — The value of product in Boots and shoes for 1913, while by no means advancing like that of the newer industry, Electrical Machinery, Apparatus, and Supplies, exhibits an advance from \$209,489,037 in 1912 to \$216,667,911 in 1913, a gain of \$7,178,874, or 3.4 per cent, which may be said to be fairly normal, since over a 34-year period, or practically one generation's growth, the increase in value of product is shown to be 126 per cent, or an average of 3.7 per cent per year. (See Chart II., facing this page.) The cost of materials used in 1913 shows an increase of 4.2 per cent as compared with 1912; the total amount paid in wages increased 2.4 per cent as compared with the preceding year, and for the six-year period, as shown by the data on page xi, exhibited an increase of 20.8 per cent. In 1913, there was a decline of 0.9 per cent in the average number of wage-earners as compared with 1912, but a gain of approximately 12 per cent (11.8) since 1907.

No presentation of the boot and shoe industry would be complete without including the subsidiary industries, Boot and shoe cut stock and findings, which have developed side by side with the manufacture of boots and shoes. The combined product for these branches of the industry, which overlap to a considerable extent, was \$53,009,872 in 1913, and the average number of wage-earners 8,310; while in the manufacture of Boots and shoes proper, the average number of wage-earners was 81,228, and the value of goods produced, \$216,667,911. The total value of output for Boots and shoes plus that of Cut stock and findings in 1913 was, therefore, \$269,677,783.

Cotton Goods, including Cotton Small Wares. — This, the most important of the textile industries of Massachusetts, touched the highest mark in its history in 1913. From a glance at the figures on page xii, it is apparent that better conditions prevailed in the industry in 1913 than at any time since 1907, the value of product reaching the high level of \$211,985,220, and the average number of wage-earners, 115,837. For the 34-year period

CHART II.

VALUES OF PRODUCTS
IN THE LEADING INDUSTRIES
1879 — 1913
Expressed in Millions of Dollars



since 1879 (see Chart II., facing page viii) the increase amounted to \$139,695,702, or 193 per cent, an average of 5.7 per cent per year. With the quite remarkable increase of 12 per cent in the value of product in 1913, there was an increase of 11.8 per cent in the cost of materials as compared with 1912; of 8.6 per cent in the total amount paid in wages, and of three per cent in the average number of wage-earners. A comparison of the year 1913 with that of 1907 exhibits increases of nearly 22 per cent in the cost of materials, 14 per cent in the number of wage-earners, and of 18 per cent in the total amount paid in wages, while the value of goods produced shows a gain of only 11.5 per cent. The general increase in this particular industry for the six-year period, therefore, apparently cannot be said to be due to any exceptional advance in the selling price of goods.

Leather, Tanned, Curried, and Finished. — Unlike Cotton goods, the industry Leather, tanned, curried, and finished shows a decline in each of the elements in 1913 as compared with the totals for 1912, the value of goods made falling from \$51,987,780 to \$46,674,470. The general depression in the industry is reflected in a decrease of 10 per cent in value of goods produced, seven per cent in the cost of materials and amount paid in wages, respectively, and nine per cent in the average number of wage-earners. For the six-year period since 1907, with a decline of one-half of one per cent in value of product, there was an increase of somewhat more than one per cent in the cost of materials and number of wage-earners, respectively, and an increase of 16 per cent in the total amount paid in wages. The totals for this industry either for cost of materials or value of product do not include the value of hides and skins treated under contract, that is, — tanned, curried, or finished for other parties who supplied the stock, the chief material (hides and skins) not being purchased by the firm immediately doing the work.

Paper and Wood Pulp. — The conditions in this industry in 1913 were apparently normal, the total value of product for that year being \$48,402,886. Increase appears in each of the elements considered as compared with 1912, — 2.5 per cent in value of product, 3.2 per cent in cost of materials, 1.8 per cent in average number of wage-earners, and 5.2 per cent in the total amount paid in wages. Appreciable gains are also shown for the six-year period, — 13.3 per cent in the value of goods, 25.1

per cent in cost of materials, 21.7 per cent in wages paid, and six per cent in number of wage-earners.

Woolen and Worsted Goods, including Felt Goods and Wool Hats. — Events in 1913 in the woolen and worsted goods industry were epoch making. In December of that year the removal of the tariff on raw wool and the reconstruction of the entire schedule of duties on manufactures of wool went into effect in the United States. Naturally in the months previous to the final decision, the industry felt the disturbing influence of uncertainty, the usual risks of business could not be safely taken, and the period was generally a most unfavorable one for manufacturing. The value of goods produced fell from \$138,250,253 in 1912 to \$123,678,725 in 1913, a decrease of 10.5 per cent. For the 34-year period (see Chart II., facing page viii) the increase in this industry amounted to \$58,710,516, or 90 per cent, an average of 2.6 per cent per year. The cost of materials used fell from \$86,389,055 in 1912 to \$75,368,429 in 1913, or 12.8 per cent. The average number of wage-earners declined 7.5 per cent between the two years and there was a decrease in the total amount paid in wages of 8.9 per cent.

Another industry assuming a position of importance and exhibiting remarkable gain in 1913 is that of Slaughtering and meat packing, which industry, in Massachusetts, includes pork products chiefly. The total rose from \$46,825,160 in product value in 1912 to \$54,312,644 in 1913, an increase of 16 per cent. Measured solely by product value, this industry outranks Leather, tanned, curried, and finished, and Paper and wood pulp. The value of stock used in the industry, however, is the all important item, and the value added by labor is comparatively small. The average number of wage-earners in 1913 was 3,177, and the amount paid in wages, \$1,831,625.

The following tables summarize the facts for six of the leading industries:

Boots and Shoes (exclusive of Cut Stock and Findings).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	-	-
1908,	109,957,116	¹ \$18,170,060	¹ 9.7
1909,	187,045,767	17,088,651	10.1
1910,	190,856,515	3,810,748	2.0
1911,	196,898,074	6,041,559	3.2
1912,	209,489,087	12,590,963	6.4
1913,	216,667,911	7,178,874	3.4
Increase for the six-year period,	-	28,540,735	15.2

(b) Stock and Materials.

1907,	\$118,399,291	-	-
1908,	104,171,604	¹ \$14,227,687	¹ 12.0
1909,	114,277,189	10,105,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,298	3,705,812	3.2
1912,	125,659,585	6,329,287	5.3
1913,	130,961,171	5,301,586	4.2
Increase for the six-year period,	-	12,561,880	10.6

(c) Wages Paid.

1907,	\$42,025,242	-	-
1908,	38,959,428	¹ \$3,065,814	¹ 7.3
1909,	41,970,498	3,011,070	7.7
1910,	45,171,454	3,200,956	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
1913,	50,770,185	1,173,901	2.4
Increase for the six-year period,	-	8,744,943	20.8

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	-	-
1908,	69,250	¹ 3,421	¹ 4.7
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.3
1912,	81,962	2,420	3.0
1913,	81,228	¹ 734	¹ 0.9
Increase for the six-year period,	-	8,557	11.8

¹ Decrease.

Cotton Goods (including Cotton Small Wares).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$190,148,422	—	—
1908,	156,048,533	¹ \$34,099,889	¹ 17.9
1909,	186,462,313	30,413,780	19.5
1910,	192,777,722	6,315,409	3.4
1911,	183,121,235	¹ 9,656,487	¹ 5.0
1912,	189,010,823	5,889,588	3.2
1913,	211,985,220	22,974,397	12.2
Increase for the six-year period,	—	21,836,798	11.5

(b) Stock and Materials.

1907,	\$105,499,029	—	—
1908,	92,951,308	¹ \$12,547,721	¹ 11.9
1909,	105,156,794	12,205,486	13.1
1910,	121,890,780	16,733,986	15.9
1911,	119,879,589	¹ 2,001,191	¹ 1.6
1912,	115,079,451	¹ 4,800,138	¹ 4.0
1913,	128,604,514	13,525,063	11.8
Increase for the six-year period,	—	23,105,485	21.9

(c) Wages Paid.

1907,	\$45,063,459	—	—
1908,	40,228,037	¹ \$4,835,422	¹ 10.7
1909,	45,117,069	4,889,032	12.2
1910,	44,857,100	¹ 259,969	¹ 0.6
1911,	44,744,628	¹ 112,472	¹ 0.3
1912,	48,943,728	4,199,100	9.4
1913,	53,156,512	4,212,784	8.6
Increase for the six-year period,	—	8,093,053	18.0

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	101,862	—	—
1908,	91,645	¹ 10,217	¹ 10.0
1909,	108,914	17,269	18.8
1910,	108,804	¹ 110	¹ 0.1
1911,	109,683	879	0.8
1912,	112,384	2,701	2.5
1913,	115,837	3,453	3.1
Increase for the six-year period,	—	13,975	13.7

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$26,692,284	-	-
1908,	18,065,968	¹ \$8,626,316	¹ 32.3
1909,	28,142,889	10,076,921	55.8
1910,	32,036,393	3,893,504	13.8
1911,	36,419,395	4,383,002	13.7
1912,	47,964,936	11,545,541	31.7
1913,	54,433,691	6,468,755	13.5
Increase for the six-year period,	-	27,741,407	103.9

(b) Stock and Materials.

1907,	\$11,830,975	-	-
1908,	8,569,255	¹ \$3,261,720	¹ 27.6
1909,	12,734,820	4,165,565	48.6
1910,	16,352,531	3,617,711	28.4
1911,	14,903,562	¹ 1,448,969	¹ 8.9
1912,	22,314,895	7,411,333	49.7
1913,	25,133,493	2,818,598	12.6
Increase for the six-year period,	-	13,302,518	112.4

(c) Wages Paid.

1907,	\$7,260,068	-	-
1908,	5,884,393	¹ \$1,375,675	¹ 18.9
1909,	8,209,174	2,324,781	39.5
1910,	10,421,810	2,212,136	26.9
1911,	10,818,142	396,832	3.8
1912,	12,645,825	1,827,683	16.9
1913,	14,352,758	1,706,933	13.5
Increase for the six-year period,	-	7,092,690	97.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,453	-	-
1908,	10,538	¹ 2,915	¹ 21.7
1909,	14,507	3,969	37.7
1910,	17,363	2,856	19.7
1911,	17,879	516	3.0
1912,	20,317	2,438	13.6
1913,	22,437	2,120	10.4
Increase for the six-year period,	-	8,984	66.8

¹ Decrease.

Leather, Tanned, Curried, and Finished.*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$46,903,784	-	-
1908,	41,613,182	¹ \$5,290,602	¹ 11.3
1909,	40,002,079	¹ 1,611,103	¹ 3.9
1910,	41,544,425	1,542,346	3.9
1911,	41,701,686	157,261	0.4
1912,	51,987,780	10,286,094	24.7
1913,	46,674,470	¹ 5,313,310	¹ 10.2
Increase for the six-year period,	-	¹ 229,314	¹ 0.5

(b) Stock and Materials.

1907,	\$34,364,843	-	-
1908,	29,850,511	¹ \$4,514,332	¹ 13.1
1909,	28,765,508	¹ 1,085,003	¹ 3.6
1910,	30,346,759	1,581,251	5.5
1911,	30,160,956	¹ 185,803	¹ 0.6
1912,	37,353,493	7,192,537	23.8
1913,	34,744,413	¹ 2,609,080	¹ 7.0
Increase for the six-year period,	-	379,570	1.1

(c) Wages Paid.

1907,	\$5,234,362	-	-
1908,	4,959,120	¹ \$325,242	¹ 6.2
1909,	5,443,944	484,824	9.8
1910,	5,808,631	364,687	6.7
1911,	5,604,360	¹ 204,271	¹ 3.5
1912,	6,625,375	1,021,015	18.2
1913,	6,138,384	¹ 486,991	¹ 7.4
Increase for the six-year period,	-	854,022	16.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	10,156	-	-
1908,	9,227	¹ 929	¹ 9.1
1909,	10,252	1,025	11.1
1910,	10,691	439	4.3
1911,	9,903	¹ 788	¹ 7.4
1912,	11,372	1,469	14.8
1913,	10,321	¹ 1,051	¹ 9.2
Increase for the six-year period,	-	165	1.6

¹ Decrease.

Paper and Wood Pulp.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,087,321	¹ \$10,620,359	¹ 24.9
1909,	40,096,713	8,009,392	25.0
1910,	43,020,325	2,923,612	7.3
1911,	44,951,237	1,930,912	4.5
1912,	47,228,049	2,276,812	5.1
1913,	48,402,886	1,174,837	2.5
Increase for the six-year period,	-	5,695,206	13.3

(b) *Stock and Materials.*

1907,	\$23,927,908	-	-
1908,	18,093,119	¹ \$5,834,789	¹ 24.4
1909,	22,349,613	4,256,494	23.5
1910,	25,869,769	3,520,156	15.8
1911,	27,258,974	1,389,205	5.4
1912,	29,000,736	1,741,762	6.4
1913,	29,931,380	930,644	3.2
Increase for the six-year period,	-	6,003,472	25.1

(c) *Wages Paid.*

1907,	\$6,735,401	-	-
1908,	5,569,968	¹ \$1,165,433	¹ 17.3
1909,	6,541,636	971,668	17.4
1910,	6,871,253	329,617	5.0
1911,	7,169,660	298,407	4.3
1912,	7,791,973	622,313	8.7
1913,	8,197,440	405,467	5.2
Increase for the six-year period,	-	1,462,039	21.7

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	¹ 2,156	¹ 15.9
1909,	12,848	1,458	12.8
1910,	13,382	534	4.2
1911,	13,811	429	3.2
1912,	14,096	285	2.1
1913,	14,352	256	1.8
Increase for the six-year period,	-	806	6.0

¹ Decrease.

Woolen and Worsted Goods (including Felt goods and Wool hats).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$131,731,290	-	-
1908,	105,207,889	¹ \$26,523,401	¹ 20.1
1909,	141,966,882	36,758,993	34.9
1910,	124,732,488	¹ 17,234,394	¹ 12.1
1911,	117,766,316	¹ 6,966,172	¹ 5.6
1912,	138,250,253	20,483,937	17.3
1913,	123,678,725	¹ 14,571,528	¹ 10.5
Increase for the six-year period,	-	¹ 8,052,565	¹ 6.1

(b) *Stock and Materials.*

1907,	\$81,450,075	-	-
1908,	64,097,028	¹ \$17,353,047	¹ 21.3
1909,	87,976,331	23,879,303	37.3
1910,	77,264,829	¹ 10,711,502	¹ 12.2
1911,	75,533,192	¹ 1,731,637	¹ 2.2
1912,	86,389,055	10,855,863	14.4
1913,	75,368,429	¹ 11,020,626	¹ 12.8
Increase for the six-year period,	-	¹ 6,081,646	¹ 7.5

(c) *Wages Paid.*

1907,	\$23,043,548	-	-
1908,	19,226,058	¹ \$3,817,490	¹ 16.6
1909,	24,592,763	5,366,705	27.9
1910,	22,683,873	¹ 1,908,890	¹ 7.8
1911,	23,123,850	439,977	1.9
1912,	27,065,903	3,942,053	17.0
1913,	24,650,900	¹ 2,415,003	¹ 8.9
Increase for the six-year period,	-	1,607,352	7.0

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase.
1907,	50,392	-	-
1908,	42,898	¹ 7,494	¹ 14.9
1909,	53,873	10,975	25.6
1910,	50,071	¹ 3,802	¹ 7.1
1911,	49,986	¹ 85	¹ 0.2
1912,	55,089	5,103	10.2
1913,	50,970	¹ 4,119	¹ 7.5
Increase for the six-year period,	-	578	1.1

¹ Decrease.

THE CITIES.

The total value of goods produced in the 33 cities of the Commonwealth for 1913 amounted to \$1,216,709,343, an increase over the total for 1912 of 4.6 per cent.

The city of Boston exhibits the greatest amount of gain, the value of product rising from \$241,229,318 in 1912 to \$252,222,872 in 1913. Her importance as an industrial center is apparently not so much due to the expansion of any particular industry as to the broad range of her activities, and to her facilities as a distributing center. Prominent among her manufacturing industries, however, are *Boots and shoes*, including Cut stock and findings, whose combined product in 1913 was a little over \$30,000,000; the *clothing* industries, with output of \$25,000,000, and *Confectionery*, third in the list, with a product value of upwards of \$15,000,000. The output of her foundries and machine shops amounted in round numbers to \$13,000,000, in *Malt liquors*, to approximately \$9,000,000, in manufactures of *Tobacco* to \$7,000,000, and in *Electrical machinery, apparatus, and supplies*, which industry has recently assumed a position of importance, to \$6,828,965. The total of two hundred and fifty-two millions does not, however, wholly represent the manufactures of Boston from a complete census standpoint, for this city is also the chief center of the printing and publishing industry in the State, especially of the publication of newspapers and periodicals and of small establishments engaged in job printing which, as has been stated, are not included in the annual canvass. The inclusion of this industry in its entirety would add in round numbers probably not less than \$25,000,000 to the aggregate for Boston, making a total for 1913, had a full census been taken, of more than \$275,000,000.

Worcester is the second city in industrial importance. Her product value amounted to \$89,707,793, and the gain over 1912 was 3.9 per cent, or upwards of three millions of dollars.

The boot and shoe cities in order of the product value in that industry in 1913 were *Brockton, Lynn, and Haverhill*, Lynn and Brockton having exchanged places since 1912. The value of shoes manufactured in Lynn in that year amounted to \$35,511,992, and her rank was first in the United States, measured by product value

Owing, however, to the removal of several shoe factories from the city during the year, or just previous to 1913, the value of goods produced in that year declined to \$33,077,637, a decrease of \$2,434,355, or approximately eight per cent. Notwithstanding the loss in Boots and shoes, however, Lynn retains its position as third city in industrial importance in the State, owing principally to the expansion of the industry Electrical machinery, apparatus, and supplies.

The value of shoes manufactured in *Brockton* increased from \$34,244,367 in 1912 to \$37,601,925 in 1913, a gain of about ten per cent. The total for *Haverhill* advanced from \$26,183,090 to \$27,508,440, an increase of approximately five per cent. Both the latter cities also show an increase for All Industries as compared with 1912 of nine and three per cent, respectively, their rank in industrial importance being respectively eighth and twelfth.

The textile cities, especially those engaged in manufactures of cotton, — namely, — *New Bedford*, *Fall River*, and *Lowell*, all show material increase over 1912. The cotton industry, as has been stated, exhibited better conditions throughout the State, *New Bedford's* product showing the important gain of \$8,519,004 as compared with 1912, the value of her cotton manufactures rising from \$46,869,676 to \$55,388,680. The gain in this industry in *Fall River* was more than seven per cent, and the increase in *Lowell* was approximately 17 per cent. *New Bedford*, fifth in rank among the cities of the State, shows the second largest increase in product value in 1913, slightly more than nine and one-half million dollars. The city of *Fall River* ranked sixth and *Lowell* ranked seventh in order in 1913.

Lawrence, another prominent textile center, engaged chiefly in manufactures of worsted goods, shows a decrease as compared with 1912. This decrease, though not so great as might have been expected, was due in large part to the general depression in the woolen and worsted goods industry and, to a lesser extent, to the prolonged strike in the early months of 1913. *Lawrence* did not, however, lose its relative position among the cities of the State, ranking fourth in 1912 and 1913.

The city of *Somerville* owes its industrial importance to the development of Slaughtering and meat packing, which

exhibits the material gain in 1913 of 11.4 per cent, the product value rising from \$45,000,000 to upwards of \$50,000,000. The pork-packing industry is becoming increasingly important, and, measured by value of product, now ranks as one of the principal industries of the State.

Chicopee, fourteenth in rank among the cities of the State, was third as regards increase in product value over 1912, showing a total of \$31,126,691 as against \$24,076,032 in 1912, the amount of increase being \$7,050,659, and the percentage of gain 29.3. The principal industries of *Chicopee*, besides Slaughtering and meat packing, are manufactures of rubber goods, cotton goods, automobiles, and firearms, but the figures for these industries, separately, cannot be presented on account of the limited number of establishments of each kind.

The city of *Pittsfield* also shows remarkable gain, the expansion in her electrical industry being the most important item. The total value of manufactures for the city for 1913 was \$23,919,923, a gain of 16.2 per cent as compared with 1912.

The city of *Springfield*, thirteenth in rank, shows appreciable gain over 1912, due apparently to no particular industry, but to a general expansion in many lines. The increase of 6.9 per cent shown, moreover, does not entirely measure the value of products for the city, for these totals do not include the work done at the Springfield armory operated by the United States government, to include which would add probably not less than one million dollars to the product value.

Other cities showing gains over 1912 are *Waltham*, 18.5 per cent; *Marlborough*, 14.8 per cent, and *Everett*, 13.5 per cent.

The important cities showing decrease, besides Lynn already mentioned, are *Salem*, whose product value declined from \$19,037,759 to \$17,344,566, or 8.9 per cent; *Cambridge*, 2.4 per cent; *Quincy*, 10.3 per cent; and *Newton*, 10.6 per cent.

Eleven cities showed a decline and twenty-two a gain over 1912. The figures for both years are brought together in the following table:

CITIES.	1912	1913	Percentage of Increase
Totals,	\$1,163,466,636	\$1,216,709,343	4.6
Boston,	241,229,318	252,222,872	4.6
Worcester,	86,318,715	89,707,793	3.9
Lynn,	80,544,498	78,947,766	¹ 2.0
Lawrence,	70,315,376	70,205,214	¹ 0.2
New Bedford,	59,823,994	69,466,482	16.1
Fall River,	62,440,525	65,221,733	4.5
Lowell,	56,690,584	59,322,088	4.6
Brockton,	48,896,581	53,480,638	9.4
Cambridge,	53,154,607	51,863,096	¹ 2.4
Somerville,	45,125,009	50,279,057	11.4
Holyoke,	45,592,190	45,904,797	0.7
Haverhill,	42,413,255	43,671,548	¹ 3.0
Springfield,	40,699,921	43,509,130	6.9
Chicopee,	24,076,032	31,126,691	29.3
Fitchburg,	24,837,689	24,831,346	² 0.0
Pittsfield,	20,580,024	23,919,923	16.2
Salem,	19,037,759	17,344,566	¹ 8.9
Taunton,	15,767,316	16,282,425	3.3
Chelsea,	16,474,423	16,167,466	¹ 1.9
Quincy,	14,400,062	12,922,051	¹ 10.3
Everett,	10,223,567	11,603,469	13.5
Waltham,	9,760,793	11,571,080	18.5
North Adams,	10,744,577	10,324,309	¹ 3.9
Marlborough,	8,258,371	9,481,706	14.8
Northampton,	8,333,736	8,664,096	4.0
Newburyport,	8,039,735	8,597,144	6.9
Gloucester,	7,578,694	8,211,735	8.4
Malden,	8,053,194	7,866,779	¹ 2.3
Beverly,	6,963,033	7,536,281	8.2
Woburn,	5,975,787	6,025,416	0.8
Newton,	5,924,559	5,295,231	¹ 10.6
Medford,	2,476,214	2,633,117	6.3
Melrose,	2,716,488	2,502,289	¹ 7.9

¹ Decrease.² Less than one-tenth of one per cent.

METROPOLITAN BOSTON.

The total value of goods produced in the 39 cities and towns comprising Metropolitan Boston increased from \$545,310,724 in 1912 to \$560,390,104 in 1913, an advance of \$15,079,380, or approximately three per cent. Within this area are located 3,584 manufacturing establishments, giving employment to an average of 172,594, or about 28 per cent of the wage-earners engaged in manufacturing industries, and turning out a product in 1913 of \$560,390,104, or more than one-third of the State total. Of this large amount, the factories of Boston proper contributed approximately 45 per cent, or upwards of a quarter of a billion dollars in product value, and employed an average of 75,194 wage-earners.

There is great diversification of industry in the district, but the principal manufactures are *Boots and shoes*, including Cut stock and findings, whose combined product now amounts annually to nearly \$100,000,000 (\$95,897,281 in 1913); *Slaughtering and meat packing*, \$45,610,052; *Electrical machinery, apparatus, and supplies*, \$34,328,911; *Clothing*, \$27,126,150; *Foundry and machine-shop products*, \$20,408,710; *Boots and shoes, rubber*, \$19,943,181; *Confectionery*, \$17,991,321; and *Leather, tanned, curried, and finished*, \$12,116,985.

Other important manufacturing cities included in the area are those of Lynn, Cambridge, and Somerville, each of which contributed more than \$50,000,000 in products for 1913. The towns of the district, with the exception of Watertown and Weymouth, are not noted for extensive manufactures.

A comparison of the principal data for the years 1910, 1911, 1912, and 1913 is given in the following table:

	1913	1912	1911	1910
<i>Number of Establishments,</i> . . .	3,584	3,507	3,375	3,238
<i>Total Amount of Capital Invested,</i> . .	\$362,458,828	\$354,153,062	\$338,389,774	\$328,720,444
<i>Total Value of Manufactured Product,</i> .	\$560,390,104	\$545,310,724	\$502,527,771	\$488,497,178
<i>Total Value of Stock Used,</i> . . .	\$326,070,384	\$320,468,150	\$294,046,863	\$292,089,565
<i>Total Amount of Wages Paid in Manufacturing Establishments,</i> . .	\$107,031,822	\$102,820,146	\$95,871,777	\$92,458,169
<i>Average Number of Wage-Earners,</i> . .	172,594	171,272	163,488	160,797

THE TOWNS.

Some of the towns of the State show important gains in 1913 as compared with 1912. *Plymouth*, long associated with the manufacture of cordage and twine, increased in product value from \$12,319,835 to \$14,374,254, a gain of more than \$2,000,000, or 17 per cent. *Bridgewater*, whose chief industry is the manufacture of boots and shoes, shows the second largest amount of increase, the product value rising from \$5,506,287 to \$7,144,802, a gain of \$1,638,515, or 30 per cent. *Watertown*, prominent among whose industries are the manufactures of rubber goods and worsted goods, increased her total by nearly \$1,000,000, the aggregate for the year being, in round numbers, \$15,000,000 exclusive of the product of the United States Arsenal located in that town and operated by the Federal government for the manufacture of gun carriages, giving employment to some 500 additional wage-earners. *Westfield*, the ranking town in the United States in the manufacture of whips, also exhibits an increase of upwards of a million dollars, or 13.7 per cent, and a similar gain in product value is shown for the town of *West Springfield*.

The towns in the district noted for the manufacture of jewelry, *Attleborough*, *North Attleborough*, *Plainville*, and *Norton*, each exhibits increase in product value as compared with 1912, although none of the gains are at all important. Other busy and progressive centers of industry showing marked gains are the towns of *Hudson*, *Natick*, *Framingham*, *Wakefield*, *Gardner*, *Norwood*, *Walpole*, *Palmer*, *Leominster*, *Southbridge*, and *Reading*.

On the other hand, *Peabody*, the most important center for the leather industry in the State exhibits a loss, her product value falling from \$19,465,879 in 1912 to \$18,252,564 in 1913. *Amesbury*, losing ground since the general decline of the carriage industry, shows a decrease of \$624,024 as compared with 1912, and the town of *North Andover*, whose chief industry is woolen and worsted goods, declined in product value to the extent of \$544,981, or 16.5 per cent as compared with 1912.

The total value of product for the towns as a whole rose from \$433,267,819 in 1912 to \$442,019,020 in 1913, an increase of a little over two per cent.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 48 to 51, presents the principal data, by character of ownership, for nineteen selected industries of the State. Of the 8,405 establishments reporting in 1913, 3,528 were operated under individual ownership, 1,579 under the management of private firms, 3,274 by corporations, and 24 by co-operative societies, voluntary associations, or other miscellaneous form of management. Of the total output of the manufacturing establishments of the State (\$1,658,728,363), seven per cent was produced in establishments operated by individuals, 9.9 per cent by private firms, 81.8 per cent by corporations, and 1.3 per cent by voluntary associations, etc. These figures illustrate clearly the prevailing and increasing tendency to concentrate capital in the hands of incorporated companies in order to secure the advantage which comes from production on a large scale.

The fifth column of the table represents the difference between the gross product of the year (\$1,658,728,363), and the cost of materials used in manufacture, \$961,778,476, the resultant amount, \$696,949,887, representing the creation of a new stock of wealth brought into existence through the various processes of manufacturing, the "added value" thus secured forming 42 per cent of the total volume of goods produced.

In *Boots and shoes*, out of the total \$216,667,911, the corporations controlled 42 per cent of the establishments, produced 72.7 per cent of the goods made, and employed 72.2 per cent of the total number of wage-earners in the industry; the establishments operated under private firm and individual ownership having respectively 26 and 32 per cent of the establishments, producing, respectively, 18.3 and nine per cent of the goods manufactured, and employing similar percentages of the wage-earners. The *value added* by manufacture in the boot and shoe industry, \$85,706,740, was approximately 40 per cent of the total volume of goods produced. (See Chart III., facing page xxiv.)

For *Cotton goods, including Cotton small wares*, the percentages for establishments operated by corporations are much larger than for Boots and shoes. In this industry corporations con-

trolled 89 per cent of the establishments, manufactured 98 per cent of the product, employed 98 per cent of the average number of wage-earners, and paid 98 per cent of the total wages. The *value added* by manufacture was \$83,380,706, or about 40 per cent of the gross product in the industry, \$211,985,220.

The percentages for *Electrical machinery, apparatus, and supplies* are similar to those of Cotton goods. Establishments operated by corporations produced 98 per cent of the goods, employed upwards of 98 per cent of the wage-earners, and paid 98 per cent of the total wages, the remaining two per cent representing the share contributed by individuals and private firms. The *value added* by manufacture in Electrical Machinery, Apparatus, and Supplies was \$29,300,198, or about 54 per cent of the gross product in the industry.

In *Foundry and machine-shop products* 90 per cent was produced in establishments operated under corporate management, three per cent by private firms, and seven per cent by individuals. The *value added* by manufacture in this industry was relatively larger than in any of the others, \$56,214,374, representing approximately 62 per cent of the gross value of goods produced.

In *Woolen and Worsted Goods, including Felt Goods and Wool Hats* 76 per cent of the establishments were controlled by corporations, approximately 11 per cent were in the hands of private firms, and 13 per cent were operated by individuals. Of the value of product, 90 per cent was produced by incorporated companies, seven per cent by private firms, and three per cent by individuals, the percentages for the average number of wage-earners and the amount paid in wages being substantially the same as for the value of product. The *value added* by manufacture in the woolen and worsted goods industry was \$48,310,296, or approximately 40 per cent of the total.

The table in detail, pages 48 to 51, will repay careful study.

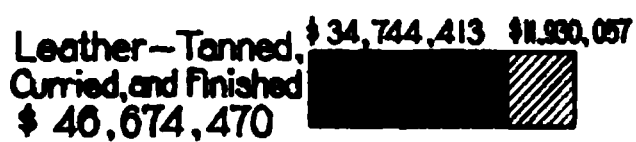
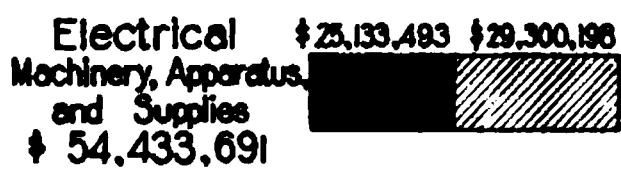
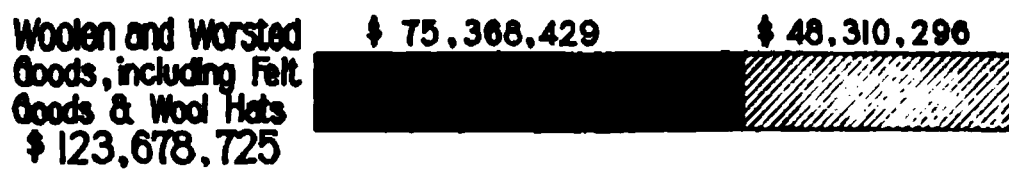
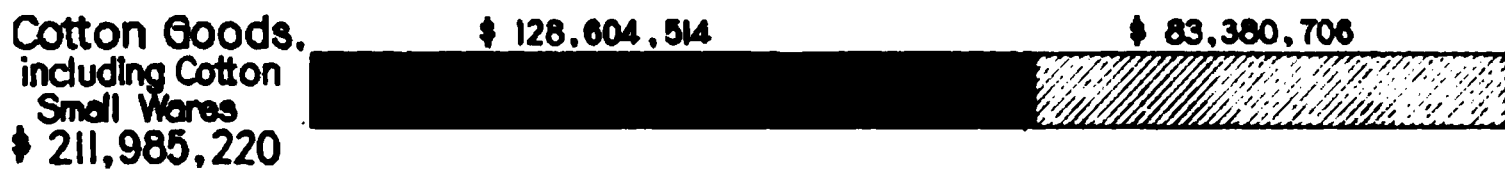
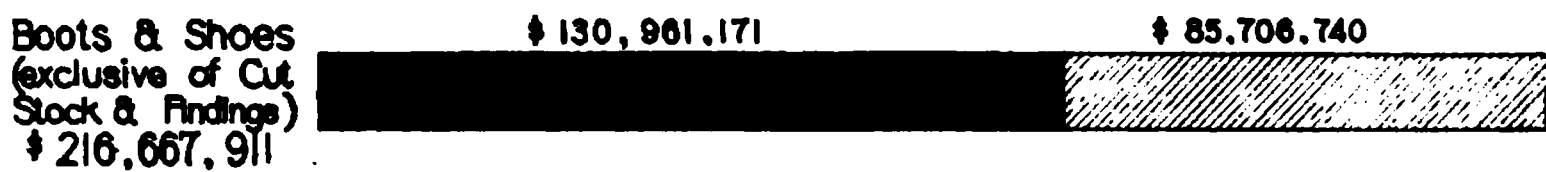
NUMBER OF WAGE-EARNERS AND EMPLOYMENT BY MONTHS.

The year 1912 closed with an average number of wage-earners employed in December of that year of 632,739. December is usually a favorable month for employment for the industries as a whole, since over a series of years as shown by the Annual Reports, the maximum number apparently falls more often in December than in any other month. By January of 1913, the

CHART III.

VALUE ADDED BY MANUFACTURE IN THE LEADING INDUSTRIES OF MASSACHUSETTS 1913

VALUE OF MATERIALS USED   VALUE ADDED BY MANUFACTURE



average had declined slightly from the point reached in December, 1912 (632,739), exhibiting an average of 629,310, but it rose again in February to 630,864 and in March to 631,398 which was the highest level reached at any time during 1913. From this point, there was a sharp drop in April to 622,416, falling still and with continued downward trend through the months of May and June, and reaching the lowest point in July, when an average of 591,692 appears, the deviation from the maximum amounting to six per cent, representing, to that extent, unemployment of longer or shorter duration. The average number of wage-earners for the entire twelve months, as shown in the first column of the table, was 616,927, of whom 422,559 were males and 194,368 females, but this average was apparently not sustained during the five months from May to October, 1913. The conditions of employment began to improve in August, however, and the trend is upward for the last five months of the year, closing in December with an average of 621,210 as compared with 629,310 for January of that year.

The curve of employment in *Boots and shoes, exclusive of Cut stock and findings*, is quite different from that shown for All Industries, the highest point being reached earlier in the year, February, while the decline was less pronounced and of shorter duration, lasting apparently for the months March, April, and May. Conditions in this industry were appreciably better in July than in the preceding two months, and employment continued at a high level for the remainder of the year. The average for the year was 81,228, of whom 53,224 were males and 28,004 were females.

In *Cotton goods* employment was maintained at a high level for the first quarter of the year, January to April, the month of March exhibiting the maximum, 117,668. For the next four months employment was apparently less continuous, the minimum appearing for the month of August, while the last four months of the year exhibit a tendency to regain the maximum, closing with an average of 117,070 in December as against 117,071 in the opening month of the year. The average for the entire twelve months was 114,960, 61,687 of whom were males, and 53,273 females.

In *Electrical machinery, apparatus, and supplies* the months April, May, and June constituted the busy season, the maxi-

imum number, 23,473, being shown for May. The average for the year, 22,437, was sustained for all the months except January and the last quarter, October to December, 1913. The average for the year was 22,437, 18,168, or approximately 81 per cent, being males, and 4,269, or 19 per cent, being females.

The maximum of employment for *Foundry and machine-shop products* is shown for January, 39,853. The number declined during the months February to July, the average shown for the latter month, 36,028 obtaining, with only slight deviations, the rest of the year. The average for the entire period was 37,717, and the fluctuations from the maximum were at no time important.

In *Leather, tanned, curried, and finished*, January was also the month of greatest employment, 11,280, the numbers declining from February to July, when there was an average of only 9,493. Partial recovery is shown for the month of August, 9,724, and the conditions were gradually better for each of the remaining months, closing in December with an average of 10,940. The average for the entire period was 10,321, of whom 10,164 were males and 157 females.

In *Paper and wood pulp* employment was fairly constant, the average for the year appearing as 14,352, and the month of maximum employment being shown for April with only a slightly higher number, 14,588, the fluctuations from which did not in any month reach five per cent. The average number of wage-earners employed in this industry was 14,352, of whom 9,889 were males, and 4,463 females.

Of the principal industries, *Woolen and worsted goods* exhibits the widest range of unemployment in 1913. The maximum appears for January (54,976), and the curve runs distinctly downward for each succeeding month of the year, reaching its lowest point in July, when the average number of wage-earners in the industry was only 40,417, a deviation from the maximum of nearly 27 per cent, representing an unusual extent of unemployment. Increased activity among the mills appears again in August, however, the average rising to 47,926, with continued improvement, showing only slight fluctuations for the balance of the year, 51,101 wage-earners being employed in December as against 54,976 in January, 1913. The average for the 12 months was 49,709, of whom 29,638 were males and 20,071 were females.

CHART IV.

UNEMPLOYMENT
IN MANUFACTURING INDUSTRIES

DEVIATION FROM THE MAXIMUM

JANUARY 1907-DECEMBER 1913



P E R C E N T

Another measure of unemployment is found in the range between the smallest and greatest number of wage-earners employed, as given in Table I, columns nine and ten. Here the average number employed by each individual manufacturer during the slackest month of his business was added to similar numbers for all other establishments, although the months did not at all coincide. The minimum thus secured aggregated 517,185 in 1913, and the maximum, obtained by a similar addition for the busiest month for each individual manufacturer, was 705,087, a range of 187,902, or 36.3 per cent. The length of the period of unemployment is, of course, indeterminable, but the extremes show slight improvement over the conditions in 1912, for which year the minimum was 503,465 and the maximum 691,077, a range of 187,612, or 37.3 per cent. Attention is called to Chart IV., facing page xxvi, showing the curve of unemployment in All Industries month by month since 1907.

WAGE-EARNERS EMPLOYED DECEMBER 13, 1913.

Table IV, pages 80 to 83, presents the number of wage-earners employed on a specific day, December 13, 1913, the Saturday falling nearest to the middle of the month. In 1913, the aggregate employed on that day in the manufacturing industries of the Commonwealth was 622,360, of whom 569,546, or nearly 92 per cent, were adults, and 52,814, or about eight per cent, were young people under 18 years of age. As compared with the corresponding day for the year 1912, which fell on December 14 of that year, there was a decrease of 17,474 wage-earners, or approximately three per cent. Apparently the level of employment was lower in the middle of December, 1913, than at the corresponding period in 1912, indicating a marked tendency toward a new period of business depression. A comparison of the leading industries exhibits similar tendencies. The total number of employees in *Boots and shoes* on December 13, 1913, was 84,474 as against 85,308 in 1912, of whom 6,674, or eight per cent, were young persons. In *Cotton goods*, the total on December 13 was 117,437 of whom 89 per cent were adults and about 11 per cent young persons. For the corresponding day in 1912 the number registered was 117,851. In *Electrical machinery, apparatus, and supplies* on December 13, 1913, there was an aggregate

of 20,779 of which eight per cent were young persons, as against 21,884 at the corresponding day in 1912. In *Foundry and machine-shop products* about four per cent of the wage-earners were young persons under 18 years of age, and the total number of operatives employed on December 13 36,669, as against 40,362 in 1912. In *Leather, tanned, curried, and finished* a total of 10,902 wage-earners were employed on December 13, 1913, of whom slightly more than two per cent were under 18 years of age. The corresponding figure for 1912 was considerably higher, 12,093. *Paper and wood pulp* shows a slight improvement in December, 1913, over the number employed in 1912, 14,513 and 14,409 wage-earners, respectively. Young persons in this industry on December 13 represented slightly more than four per cent of the total, the adult females 28 per cent, and the adult males 68 per cent. In *Woolen and worsted goods* on December 13, 1913, the level of employment was only 49,881, a decrease as compared with the middle of December of the year preceding, when the number was 56,400, of about 12 per cent. Of the total 49,881, about 11 per cent were young persons under 18 years of age, approximately 35 per cent were adult females, and 54 per cent were adult males.

In the following industries also there was a relatively large representation of young persons under 18 years of age, — *Boots and shoes, rubber; Confectionery; Dyeing and finishing textiles; Hosiery and knit goods; and Silk and silk goods.*

CLASSIFIED WEEKLY WAGES.

Table V, pages 84 to 123, presents classified weekly wages by industries for the year 1913 for adult males and females, and for young persons under 18 years of age, based on the week of greatest employment. The 693,571 wage-earners employed during the largest week was made up of 446,530, or 65 per cent, males, 189,743, or 27 per cent, females, and 57,298, or 8 per cent, young persons under 18 years of age.

Dividing the wage classes into three groups, — namely, low, medium, and high, considering in the low wage group those receiving under \$8 per week, in the medium wage group those being paid at rates \$8 to \$15, and in the high wage group those paid \$15 and over, we find that *of the adult males*, 36,490, or slightly more than eight per cent, were in the low wage group,

CHART V.

WAGES
IN THE LEADING MANUFACTURING INDUSTRIES
PERCENTAGE OF WAGE-EARNERS IN SPECIFIED WAGE-GROUPS
Males over 18 —◆— Females over 18 —◇— Males & Females under 18 —●—

253,592, or 57 per cent, were in the medium wage group, and 156,448 wage-earners, or 35 per cent, in the high wage group. The corresponding percentages in the same groups for 1912 were 10, 57, and 33 respectively. Apparently two per cent advanced from the low wage group into the medium, and two from the medium into the high. *Of the total number of adult females* employed during the largest week, 189,743, 40 per cent received less than \$8 per week, 56 per cent ranged between \$8 and \$15, and only four per cent were paid at rates of \$15 and over per week, as against percentages in 1912 of 43, 53, and four, respectively. *Of the total number of young persons*, 57,298, approximately 83 per cent were paid rates less than \$8 per week, the largest single wage class, \$6 to \$7, enrolling 14,440, or one-fourth of the operatives; nearly 10,000 (9,851) or 17 per cent, were paid at rates ranging between \$8 and \$15, and the numbers in the wage classes over \$15 were negligible. The corresponding percentages for 1912 were 86 and 14.

In *Boots and shoes* the total for the industry employed during the largest week, 92,549, was made up of 56,520, or 61 per cent, males; 29,201, or 32 per cent, females; and 6,828, or seven per cent, young persons. Five per cent *of the adult males*, 2,931 wage-earners, were in the low wage group, 22,403 wage-earners, or about 40 per cent, were paid rates ranging from \$8 to \$15 per week, and 31,186 wage-earners, or 55 per cent, were in the wage classes \$15 and over, the class \$15 but under \$16 per week, containing the median. *Of the total number of adult females*, 29,201, — 5,846, or 20 per cent, were paid at rates less than \$8 per week, 19,404 wage-earners, or 66.5 per cent, were in the medium wage group, and 3,951, or 13.5 per cent, were paid at rates of \$15 and upwards. The median wage class for females in this industry is \$10 to \$11 per week. *Of the total number of young persons*, 6,828, — 5,250, or approximately 77 per cent, were in classes paid less than \$8 per week, 1,544, or 23 per cent, were in the medium wage group, and the number in the high wage group (34 wage-earners) was negligible.

In *Cotton goods, including Cotton small wares* there was a total of 121,943 wage-earners employed during the largest week, 59,550, or 48.8 per cent, being adult males, 48,717, or 40 per cent, adult females, and 13,676, or 11.2 per cent, young persons. *Of the adult males*, 14,565 wage-earners, or about 25 per cent.

were in the low wage group, as against 28 per cent in 1912, 64 per cent in the medium wage group, as against 61 per cent in 1912, and slightly more than 11 per cent in the high wage group. The median wage class for males in this industry was \$9 to \$10 per week. *Of the adult females*, the low wage group contained 18,429, or approximately 38 per cent of the wage-earners, as against 43 per cent in 1912, the medium wage group 30,106, or about 62 per cent of the wage-earners, as against 56 per cent in the year preceding, while the high wage group was represented by only 182 wage-earners, or less than one per cent. The wage class containing the median for females was \$8 to \$9 per week. *Of the young persons* employed in this industry, 79.8 per cent were paid less than \$8 per week, as against 84 per cent in 1912, the wage most frequently recurring being \$6 to \$7 per week.

In *Electrical machinery, apparatus, and supplies* the total number of wage-earners during the largest week was 24,451, of whom 18,446, or 75 per cent, were males, 3,605, or 15 per cent, females, and 2,400, or 10 per cent, young persons under 18 years of age. The high wage classes in this industry are represented by 46.7 per cent of the males, the medium wage group contained 50.4 per cent, and the low wage group, those receiving under \$8 among the adult males, constituted less than three per cent. The females in this industry group themselves principally in the wage classes \$8 and \$9 per week, although the classes \$5 to \$7, inclusive, have upwards of one-third of the wage-earners. In the wage classes \$10 per week and over among the adult females there were 703 wage-earners, or about 20 per cent of the operatives. As in the other industries the *young persons* in Electrical machinery, apparatus, and supplies fall principally in the wage classes \$5, \$6, and \$7 per week, although there is a representation of a little over 10 per cent in the lower wage classes, presumably including apprentices.

In *Leather, tanned, curried, and finished*, out of a total of 12,036, 11,618, or 97 per cent, were males, the number of females and young persons in the industry comprising little more than three per cent of the total. In this industry, the wage most frequently recurring is \$10 to \$11 per week, but the classes beyond this point contain 51 per cent of the wage-earners.

In *Paper and wood pulp* the median wage class for males was \$11 to \$12 per week, although the class next lower contained

the largest single group of wage-earners, 2,260, or 22 per cent of the total males. The classes \$9 to \$10 and \$12 to \$13 had an enrollment of 15.3 and 15.7 per cent of the wage-earners respectively, while the high wage group, \$15 and over, had approximately one-fourth of the males. The wage most frequently found among the females was that of \$6 per week, fully one-third of the wage-earners appearing in this wage class. The next two classes, \$7 to \$8 and \$8 to \$9, had respectively 20 and 22.5 per cent of the wage-earners, and the higher wage classes, those receiving \$9 and over, in this industry aggregated 772 wage-earners, or about 17 per cent.

In *Woolen and worsted goods (including felt goods and wool hats)* the total number of operatives employed during the largest week was 60,377, comprising 32,552, or 54 per cent, males, 20,486, or 34 per cent, females, and 7,339, or 12 per cent, young persons. *Of the adult males*, the largest single group is in the \$8 to \$9 wage class, containing 5,172 wage-earners, or approximately 16 per cent. In the wage classes paid at rates \$11, \$12, \$13, and \$14 respectively, there was an additional 30 per cent of the wage-earners, and the high wage group in this industry among the males was represented by 19 per cent, or nearly one-fifth of the total. *Of the adult females*, the group containing the largest number, 4,555, or 22 per cent of the total, fell in the \$7 wage class. The next higher class, those paid at rates \$8 but under \$9, had 3,742, or 18 per cent; classes \$9, \$10, and \$11, respectively, embraced in turn 11, nine, and six per cent of the operatives, and the high wage-classes, those paid \$15 and over, contained less than three per cent of the adult females. As in Cotton goods, the rate most frequently recurring for *young persons* in this industry is \$6 to \$7 per week, 37.3 per cent appearing in this wage class, with 24 per cent at the next higher rate, \$7 but under \$8 per week, and as in the class \$5 but under \$6 there were 1,219 young persons, or 16.6 per cent of the wage-earners, these three classes contained over three-fourths of the operatives.

The percentages for the leading industries, with the figures on which they are based, are brought together in the following table, and in this connection attention is called to Chart V., facing page xxviii, in which the data for Boots and shoes and the textile industries are graphically presented.

All Industries.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
THE STATE,	693,571	1,142	3,891	14,189	29,746	50,053	60,526	67,878	73,541	66,972	43,924	53,125	37,061	27,358	36,783	37,645	37,973	21,181	14,985	15,598
Per cent,	100	0.2	0.6	2.1	4.3	7.2	8.7	9.8	10.6	9.6	6.3	7.7	5.3	3.9	5.3	5.4	5.5	3.1	2.2	2.2
Males (18 years and over),	446,530	177	475	1,557	3,822	9,833	20,626	31,872	44,240	46,229	31,629	43,773	31,850	23,999	33,877	35,601	36,514	20,521	14,595	15,340
Per cent,	100	1-	0.1	0.4	0.9	2.2	4.6	7.1	9.9	10.3	7.1	9.8	7.1	5.4	7.6	8.0	8.2	4.6	3.3	3.4
Females (18 years and over),	189,743	438	1,207	4,763	13,270	25,780	30,258	30,924	26,719	19,618	11,692	9,096	5,082	3,285	2,847	2,015	1,441	660	390	258
Per cent,	100	0.2	0.6	2.5	7.0	13.6	16.0	16.3	14.1	10.3	6.3	4.8	2.7	1.7	1.5	1.1	0.8	0.3	0.2	0.1
Young persons (under 18 years of age),	57,298	527	2,209	7,869	12,654	14,440	9,642	5,082	2,532	1,125	603	256	129	74	59	29	18	-	-	-
Per cent,	100	0.9	3.9	13.7	22.1	25.2	16.8	8.9	4.5	2.0	1.1	0.4	0.2	0.1	0.1	0.1	1-	-	-	-

Boots and Shoes (Exclusive of Out Stock and Findings).

Totals,	92,549	233	509	1,233	2,489	4,459	5,104	5,475	7,109	7,148	5,081	7,070	5,873	4,995	6,831	6,989	7,411	5,100	3,956	4,884
Per cent,	100	0.3	0.6	1.3	2.7	4.8	5.5	5.9	7.7	7.7	6.1	7.6	6.3	5.4	7.4	7.6	8.0	5.5	4.3	5.3
Males (18 years and over),	56,520	51	82	180	388	886	1,344	1,882	2,807	3,259	2,938	4,145	3,874	3,498	5,408	5,859	6,561	4,742	3,792	4,829
Per cent,	100	0.1	0.1	0.3	0.7	1.6	2.4	3.3	5.0	5.8	5.2	7.3	6.8	6.2	9.6	10.4	11.6	8.4	6.7	8.5
Females (18 years and over),	29,201	83	132	388	856	1,897	2,490	2,998	3,817	3,654	2,638	2,853	1,967	1,477	1,406	1,122	846	358	164	55
Per cent,	100	0.3	0.5	1.3	2.9	6.5	8.5	10.3	13.1	12.5	9.0	9.8	6.7	5.1	4.8	3.8	2.9	1.2	0.6	0.2
Young persons (under 18 years of age),	6,828	99	295	665	1,245	1,676	1,270	595	485	235	105	72	32	20	22	8	4	-	-	-
Per cent,	100	1.5	4.3	9.7	18.2	24.6	18.6	8.7	7.1	3.4	1.5	1.1	0.5	0.3	0.3	0.1	0.1	-	-	-

Cotton Goods (Including Cotton Small Wares):

[illegible]

Electrical Machinery, Apparatus, and Supplies.

[illegible]

Less than one-tenth of one per cent.

: Less than one one-hundredth of one per cent.

Leather, Tanned, Curried, and Finished.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 \$5	\$5 \$6	\$6 \$7	\$7 \$8	\$8 \$9	\$9 \$10	\$10 \$11	\$11 \$12	\$12 \$13	\$13 \$14	\$14 \$15	\$15 \$16	\$16 \$18	\$18 \$20	\$20 \$22	\$22 \$25	\$25 and over
Totals,	12,038	6	10	20	38	216	485	869	1,845	2,339	1,033	1,263	403	330	530	553	343	184	231	
Per cent,	100	0.1	0.1	0.9	0.7	1.8	4.1	7.1	16.3	19.4	8.6	10.6	4.1	4.9	8.8	8.4	3.9	1.6	1.9	
Males (18 years and over),	11,613	4	4	6	49	117	411	735	1,816	2,327	1,028	1,254	403	330	530	553	343	184	231	
Per cent,	100	1	1	0.1	0.4	1.0	3.6	6.3	15.6	20.0	8.9	10.6	4.3	3.1	7.1	8.6	3.0	1.6	1.9	
Females (18 years and over),	171	-	1	5	13	27	31	87	12	6	4	1	-	-	-	-	-	-	-	
Per cent,	100	-	0.6	3.0	10.6	16.8	18.1	39.8	7.0	3.9	2.4	0.6	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	247	2	5	9	21	72	53	57	17	7	1	3	-	-	-	-	-	-	-	
Per cent,	100	0.8	2.0	3.6	8.5	29.5	21.5	23.1	6.9	2.8	0.4	1.2	-	-	-	-	-	-	-	

Paper and Wood Pulp.

Totals,	15,190	51	251	1,730	1,030	1,106	2,153	2,410	1,346	1,947	704	339	502	514	680	255	183	157	
Per cent,	100	.3	1.7	11.4	6.8	7.3	14.9	16.0	9.3	12.8	4.6	2.2	3.7	3.4	4.5	2.3	1.2	1.0	
Males (18 years and over),	10,231	6	5	23	44	76	1,573	2,360	1,214	1,616	682	331	567	510	678	255	183	157	
Per cent,	100	.1	0.1	0.3	0.4	0.7	15.3	23.0	11.8	16.7	6.6	3.2	5.4	5.0	6.6	2.5	1.8	1.6	
Females (18 years and over),	4,638	13	204	1,457	303	1,000	531	129	41	31	21	8	5	4	2	-	-	-	
Per cent,	100	9	4.6	31.7	6.5	21.6	11.4	2.8	0.9	0.7	0.5	0.2	0.1	0.1	1	-	-	-	
Young persons (under 18 years of age),	471	7	42	205	93	30	44	31	11	2	1	-	-	-	-	-	-	-	
Per cent,	100	5	8.9	43.6	19.8	6.4	9.3	6.5	2.3	0.4	0.2	-	-	-	-	-	-	-	

AVERAGE YEARLY EARNINGS.

The total amount paid in wages in All Industries rose from \$335,553,704 in 1912, to \$351,299,706 in 1913, a gain of 4.7 per cent.

The *average yearly earnings* for All Industries for 1913 as obtained from a division of the total amount paid in wages by the average number of wage-earners was \$569.43 (Table I a). As shown by these Annual Reports for several years, the industry *Malt liquors* exhibits the highest average yearly earnings, \$957.25. High average earnings are also shown for the relatively important industries, — *Automobiles, including bodies and parts*, \$816.84; *Monuments and tombstones*, \$814.56; and *Lasts*, \$812.02. Among the principal industries, average yearly earnings appear as follows: *Boots and shoes*, \$625.03; *Cotton goods*, \$459.05; *Electrical machinery, apparatus, and supplies*, \$639.69; *Foundry and machine-shop products*, \$692.31; *Leather, tanned, curried, and finished*, \$594.75; *Paper and wood pulp*, \$571.17; *Woolen and worsted goods*, \$481.94.

Among the cities of the State the average yearly earnings for all industries appear as follows: *Boston*, \$622.11; *Worcester*, \$625.38; *Brockton*, \$679.32; *Haverhill*, \$643.15; *Lynn*, \$641.01; *New Bedford*, \$506.50; *Lawrence*, \$478.80; *Lowell*, \$468.39; *Fall River*, \$446.25; *Cambridge*, \$598.75. Some of the other important cities showing high average yearly earnings are *Springfield*, \$657.43; *Somerville*, \$600.32; *Quincy*, \$755.98, and *Pittsfield*, \$664.31.

DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in table VI a, pages 124 to 126, and by cities and towns in table VI b, pages 126 and 127. The number of working days exclusive of 52 Sundays and 8 holidays was 305 in 1913 as against 306 days in 1912. In 1913 the average running time for All Industries, as shown in the table, was 289.2 days, a slight decrease as compared with the previous year when the average running time for All Industries was 291.8 days. In a normal year, the shut-downs for vacation and repairs usually amount to about two weeks, or 12 working days, so that the

time lost in 1913 was slightly in excess of normal, amounting to 15.8 days.

In the leading industries the running time appears as follows: — for *Boots and shoes*, 288 days; *Cotton goods*, 290 days; *Electrical machinery, apparatus, and supplies*, 298 days; *Leather, tanned, curried, and finished*, 276 days; *Paper and wood pulp*, 280 days; *Woolen and worsted goods*, 282 days. The presentation by cities shows average running time in the manufacturing establishments in *Boston* of 292 days, in *Worcester and Cambridge*, respectively, 294 days; in *Lynn, Lawrence, and Fall River*, 293 days; in *New Bedford*, 296 days, and in *Lowell*, 290 days.

CONCLUSION.

Taken as a whole and making proper allowance for the unusual conditions existing in the woolen and worsted goods industry, the year 1913 may be regarded as one of approximately normal growth and improvement in all of the elements surrounding production. In the light of current events, it cannot fail to be apparent that it is to the industries of the United States that the markets of the world must look for their source of supply, and it, therefore, may not be out of place here to point out to the manufacturers of Massachusetts and especially to those engaged in what may be considered in a more particular and intimate way our principal industries, namely, — *Cotton goods* and *Boots and shoes*, — that there is for them a new and hitherto almost untouched field for expansion in territory brought into accessibility by the opening of the Panama Canal, and that in South America alone there is a market for more than \$100,000,000 in cotton goods and an important, if not so extensive a field for exploitation in manufactures of boots and shoes.

To their credit be it said that some of our manufacturers have not been careless of their opportunity in the export field, although the total of approximately \$4,000,000 in *Boots and shoes* and a slightly greater amount in *Cotton goods* (including *Cotton small wares*) are not appreciably large holdings, considering the vast output in these industries in 1913 as shown by this report, \$216,667,911 and \$211,985,220, respectively.

It is, of course, not to be expected that these markets will

come to us without effort, without establishing the proper financial machinery, and the means of transportation. Nevertheless, as it is true that "trade follows the flag," it would seem also to be true that ships must follow the trade, and that if there is sufficient business to warrant it, it is probably only a matter of time when the capital will be found and the ships secured, in order that the best business interests of all concerned may be subserved.

CHARLES F. GETTEMY,
Director, Bureau of Statistics.

STATE HOUSE, BOSTON, November 30, 1914.

TABULAR PRESENTATIONS.

1913.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Both Sexes					
						Males	Females				
THE STATE.	3,406	\$1,345,461,875	\$961,778,476	\$351,299,706	\$569.43	422,559	194,303	616,927	517,186	766,087	\$1,658,728,363
Agricultural implements,	5	1,022,566	396,555	299,083	651.00	459	-	459	379	589	865,433
Artificial stone,	28	521,163	134,824	176,028	765.34	230	-	230	151	335	478,002
Automobiles, including bodies and parts, .	57	9,349,387	5,019,579	3,402,154	816.84	4,128	37	4,165	3,218	5,209	11,265,702
Awnings, tents, and sails,	48	433,421	558,561	220,811	625.53	234	119	353	226	530	992,742
Baskets and rattan and willow ware, . .	14	248,584	141,506	103,902	485.52	205	9	214	197	231	339,823
Belting and hose, leather,	15	4,643,692	4,851,262	743,367	611.82	1,172	43	1,215	1,186	1,254	6,848,972
Belting and hose, woven,	6	823,841	505,014	97,125	574.70	98	71	169	146	204	847,487
Bicycles, motorcycles, and parts, . . .	6	5,411,381	4,613,860	2,183,298	781.14	2,793	2	2,795	1,710	3,555	9,699,469
Billiard tables and materials,	4	90,958	55,291	17,422	871.10	20	-	20	19	24	113,499
Blacking,	30	1,421,180	1,948,899	276,743	535.29	247	270	517	429	607	3,715,683
Bookbinding and blank-book making, .	57	2,993,887	1,424,233	1,369,039	553.59	1,270	1,203	2,473	2,217	2,785	4,051,057
Boot and shoe cut stock and findings, .	375	19,555,393	41,927,629	4,358,015	524.43	5,777	2,533	8,310	6,285	10,279	53,009,872
Boots and shoes,	453	86,918,333	130,961,171	50,770,185	625.03	53,224	28,004	81,228	66,263	93,974	216,667,911
Boots and shoes, rubber,	8	18,370,441	11,102,858	4,241,613	533.07	4,832	3,125	7,957	6,509	8,829	24,733,926
Boxes, cigar,	4	208,309	146,002	83,764	507.66	83	82	165	158	174	301,038
Boxes, fancy and paper,	95	4,054,193	3,402,632	1,953,130	454.75	1,488	2,807	4,295	3,809	4,826	6,898,723
Boxes, wooden packing,	99	6,624,273	5,724,236	1,989,427	530.94	3,390	357	3,747	3,272	4,216	9,291,374

MANUFACTURES — 1913.

[Pub. Doc.]

Brass and bronze products,	69	5,302,424	4,963,299	1,316,876	673.59	1,913	42	1,955	1,672	2,319	7,392,411
Bread and other bakery products,	804	8,926,716	15,197,630	3,952,470	607.51	5,081	1,425	6,506	6,018	7,038	28,331,835
Brick and tile,	45	1,770,608	296,025	541,497	623.84	868	-	868	421	1,618	1,109,163
Brooms,	23	196,682	242,380	61,766	506.28	113	9	122	105	136	433,997
Brushes,	27	2,771,038	2,059,146	751,389	479.81	771	795	1,566	1,411	1,671	3,740,615
Butter,	16	100,398	698,274	26,014	604.98	43	-	43	41	47	781,834
Buttons,	11	1,185,929	506,324	366,615	455.99	368	436	804	707	933	1,178,055
Canning and preserving,	55	3,601,896	5,499,882	767,008	469.98	1,218	414	1,632	1,363	2,143	7,143,545
Card cutting and designing,	4	109,577	34,254	26,496	456.83	27	31	58	39	80	96,564
Carpets and rugs, other than rag,	11	15,278,659	8,166,640	2,774,163	484.49	3,193	2,533	5,726	5,201	6,343	12,853,395
Carpets, rag,	17	51,019	28,303	43,327	498.01	74	13	87	66	102	144,174
Carriages and sleds, children's,	5	1,281,831	1,352,537	520,284	609.23	743	111	864	594	1,092	2,084,051
Carriages and wagons and materials,	89	2,397,423	1,063,557	812,531	707.78	1,146	2	1,148	942	1,340	2,604,408
Cars and general shop construction and re- pairs by steam-railroad companies,	22	6,281,219	4,250,918	4,648,717	753.32	6,151	20	6,171	5,806	6,464	8,901,632
Chemicals,	21	6,844,787	3,674,790	923,827	663.19	1,296	97	1,393	1,179	1,557	7,062,061
Cleansing and polishing preparations,	15	188,039	243,862	32,920	548.67	44	16	60	51	68	464,599
Clocks,	9	769,061	122,563	213,801	724.75	259	36	295	221	345	497,899
Cloth sponging and refinishing,	4	32,788	1,795	35,254	665.17	53	-	53	43	59	61,845
Clothing, men's,	206	8,732,765	9,995,410	3,444,863	592.61	2,634	3,179	5,813	4,356	7,309	18,481,899
Clothing, women's,	184	5,083,449	7,291,377	3,062,218	506.98	1,425	4,627	6,052	4,196	7,394	13,812,249
Coffee and spice, roasting and grinding,	16	2,784,199	5,853,725	244,132	627.59	236	153	389	366	417	7,635,668
Coffins, burial cases, and undertakers' goods,	12	1,119,166	467,422	225,123	634.15	312	43	355	330	379	974,257
Combs and hairpins,	35	1,977,615	1,890,126	1,021,439	498.02	1,491	560	2,051	1,580	2,698	3,558,840

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Both Sexes						
						Males	Females					
The State — Continued.												
Confectionery,	121	\$10,192,120	\$12,705,701	\$2,780,212	\$384.80	1,882	5,343	7,225	5,642	8,992	\$20,175,141	
Cooperage,	36	1,534,447	1,052,266	444,274	549.16	796	13	809	742	879	1,748,919	
Copper, tin, and sheet-iron products, ¹	122	3,893,551	3,186,694	1,588,538	604.47	2,310	318	2,628	2,239	3,063	6,538,090	
Cordage and twine,	13	10,011,017	10,041,676	1,134,863	430.36	2,121	516	2,637	2,384	2,881	13,361,197	
Cordials and sirups,	7	225,393	380,194	40,953	671.36	41	20	61	55	78	614,481	
Corsets,	11	2,867,321	2,622,398	1,151,545	386.81	326	2,651	2,977	2,747	3,518	5,714,608	
Cotton goods,	167	254,547,295	127,694,943	52,772,649	459.05	61,687	53,273	114,960	103,611	122,330	210,372,717	
Cotton small wares,	23	1,655,285	909,571	383,863	437.70	369	508	877	749	998	1,612,503	
Cutlery and tools, not elsewhere specified,	137	17,856,629	3,787,256	4,513,372	633.10	6,237	892	7,129	6,215	8,008	13,760,732	
Dairymen's, poulterers', and apiarists' supplies,	4	29,872	45,439	11,697	531.68	18	4	22	18	26	77,468	
Dentists' materials,	8	84,462	443,468	39,869	595.06	40	27	67	60	70	542,057	
Dyeing and finishing textiles,	49	32,840,538	13,337,777	6,030,716	515.98	9,466	2,222	11,688	9,869	12,995	25,125,931	
Dyestuffs and extracts,	14	656,383	776,094	69,102	628.20	106	4	110	91	127	1,159,481	
Electrical machinery, apparatus, and sup- plies,	80	33,135,600	25,133,493	14,352,758	639.69	18,168	4,269	22,437	19,075	25,053	54,433,691	
Electroplating,	41	218,416	130,669	165,557	656.97	232	20	252	203	314	447,959	

Emery and other abrasive wheels,	11	3,303,914	1,188,780	832,387	741.22	1,088	35	1,123	1,008	1,217	3,423,091
Enameling and japanning,	11	174,533	139,762	64,998	488.71	88	45	133	108	157	298,493
Engraving and diesinking,	21	171,197	87,403	121,893	688.66	138	39	177	152	212	294,498
Envelopes,	11	5,431,933	3,203,548	1,033,700	499.61	780	1,339	2,069	1,903	2,223	5,718,991
Fancy articles, not elsewhere specified,	18	600,973	322,062	226,862	451.92	281	221	502	341	697	828,439
Felt goods,	13	3,109,547	2,144,549	424,992	524.68	679	131	810	653	1,046	3,135,706
Firearms,	6	4,024,373	860,587	1,813,139	697.63	2,556	43	2,599	2,241	2,907	3,801,194
Flavoring extracts,	13	516,790	541,520	49,756	487.80	43	59	102	88	117	872,401
Flour-mill and gristmill products,	70	1,934,062	3,580,894	90,989	640.77	138	4	142	141	147	3,927,428
Food preparations,	31	1,077,569	1,231,547	180,599	566.14	232	87	319	253	530	2,659,817
Foundry and machine-shop products,	623	94,018,384	26,403,959	26,111,893	692.31	37,099	618	37,717	31,282	43,776	72,455,923
Fur goods,	11	544,576	349,013	145,035	801.30	94	87	181	120	231	666,448
Furnishing goods, men's,	15	555,073	549,194	176,035	435.73	66	388	404	290	524	976,294
Furniture,	116	19,641,765	6,470,338	4,679,363	567.06	7,539	713	8,262	7,094	9,532	14,883,136
Galvanizing,	3	24,805	19,422	10,219	729.93	14	-	14	11	16	37,502
Gas and electric fixtures,	11	157,017	143,973	100,675	756.95	130	3	133	116	157	356,356
Glass, cutting, staining, and ornamenting,	25	191,994	98,878	150,555	600.33	219	9	228	170	271	358,598
Glue,	9	2,999,207	1,415,170	255,781	471.92	423	119	542	419	622	2,283,214
Gold and silver, leaf and foil,	11	90,471	134,698	69,269	567.78	63	59	122	112	134	244,148
Gold and silver, reducing and refining, not from the ore,	7	966,979	1,723,043	79,940	747.10	87	20	107	102	111	2,004,326
Grease and tallow,	24	2,050,343	2,171,719	448,580	652.95	671	16	687	646	736	3,355,324
Hand-knit goods,	7	19,805	7,158	3,919	489.88	4	4	8	5	14	24,418
Hand stamps and stencils and brands,	25	103,763	47,558	70,514	624.02	91	22	113	103	127	233,887

1 Includes stamped and enameled ware and tinware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

WAGE-EARNERS EMPLOYED					Value of Product
Average Number			Smallest Number	Greatest Number	
Males	Females	Both Sexes			
1,553	120	1,673	1,411	1,978	\$3,326,330
194	101	295	255	352	807,007
832	546	1,369	1,067	1,743	2,214,030
1,040	1,671	2,711	939	4,671	7,278,609
2,932	7,807	10,739	8,936	12,099	10,603,510
583	228	811	686	945	1,895,551
538	49	587	511	722	1,367,741
3,056	138	3,194	2,624	3,556	14,680,756
978	424	1,402	1,312	1,485	2,338,416
667	-	667	567	724	2,369,038
960	287	1,237	1,013	1,362	2,269,363

Ivory, shell, and bone work, not including combs and hairpins,	3	182,824	154,043	40,114	542.08	61	13	74	52	94	241,447
Jewelry,	160	15,107,310	6,824,448	4,797,593	633.51	5,052	2,521	7,573	6,205	9,060	16,536,436
Jewelry and instrument cases,	12	194,034	143,427	118,664	452.92	90	172	262	220	304	353,336
Kaolin and ground earthenware,	6	659,078	242,092	50,376	603.84	76	-	76	63	90	400,173
Labels and tags,	4	40,530	21,819	12,460	594.71	17	4	21	19	23	75,211
Lamps and reflectors,	6	558,324	555,149	267,571	625.17	396	32	428	357	502	1,126,570
Lasts,	34	2,168,321	693,990	760,861	812.02	934	3	937	801	1,123	2,279,397
Leather goods, not elsewhere specified,	44	776,272	713,316	300,645	498.58	286	317	603	443	768	1,426,865
Leather, tanned, curried, and finished,	127	42,294,310	34,744,413	6,138,384	594.75	10,164	157	10,331	8,591	12,337	46,674,470
Lime,	8	731,584	511,592	273,044	613.58	445	-	445	346	509	925,083
Linen goods,	8	3,969,221	2,398,845	760,736	434.71	750	1,000	1,750	1,504	1,917	3,663,607
Liquors, distilled,	6	1,011,900	869,017	55,619	772.49	72	-	72	60	80	3,024,663
Liquors, malt,	32	22,174,914	4,850,155	1,897,268	957.25	1,974	8	1,983	1,866	2,091	15,795,719
Looking-glass and picture frames,	20	292,783	218,410	139,375	679.88	190	15	205	175	243	575,736
Lumber and timber products,	28	1,497,416	1,811,645	371,857	611.61	600	8	608	378	769	2,721,899
Lumber, planing-mill products,	165	6,033,499	5,665,310	2,408,894	745.56	3,226	5	3,231	2,689	3,792	10,066,359
Marble and stone work,	103	6,202,916	1,258,876	2,572,368	748.87	3,435	-	3,435	2,165	4,654	5,037,295
Mattresses and spring beds,	41	1,113,129	1,397,371	396,784	551.09	559	161	720	605	821	2,405,692
Millinery and lace goods,	67	1,865,549	2,334,081	802,966	475.41	292	1,397	1,689	1,111	2,319	4,238,272
Mineral and soda waters,	91	1,560,535	1,229,279	295,760	652.89	448	5	453	299	690	2,746,943
Mirrors,	6	68,535	225,775	60,622	666.18	91	-	91	84	102	387,709
Models and patterns, not including paper patterns,	60	352,332	150,192	338,104	806.93	401	18	419	299	552	807,955
Monuments and tombstones,	155	1,745,543	744,332	1,014,130	814.56	1,245	-	1,245	960	1,536	2,739,452

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
The State — Continued.											
Mucilage and paste,	14	\$694,837	\$1,109,387	\$61,368	\$632.66	73	24	97	87	106	\$1,545,821
Musical instruments and materials, not specified,	14	178,373	106,743	92,961	628.11	129	19	148	121	172	307,894
Musical instruments, pianos and organs, and materials,	50	11,372,559	3,918,377	2,783,394	659.39	3,944	277	4,221	3,614	4,695	9,209,432
Oil, not elsewhere specified,	16	1,931,926	2,957,659	191,525	617.82	301	9	310	285	342	3,630,809
Optical goods,	10	3,396,575	1,478,867	1,473,968	566.69	1,862	739	2,601	2,453	2,730	4,083,367
Paints and varnishes,	34	3,178,651	3,167,215	354,620	622.23	532	37	569	494	633	5,326,779
Paper and wood pulp,	88	50,197,776	29,931,380	8,197,440	571.17	9,889	4,463	14,352	13,079	15,356	48,402,886
Paper goods, not elsewhere specified,	47	6,701,644	5,949,237	2,274,406	533.40	2,347	1,917	4,264	3,804	4,699	10,900,906
Patent medicines and compounds and druggists' preparations,	75	4,662,782	4,061,616	737,806	493.52	667	828	1,495	1,196	1,848	8,940,786
Photo-engraving,	12	271,337	106,539	281,424	873.99	287	35	322	296	346	712,559
Plumbers' supplies,	19	1,166,788	727,613	430,974	613.06	665	38	703	570	793	1,431,661
Pocketbooks,	6	502,109	341,786	200,589	496.87	136	276	412	335	489	842,343
Pottery, terra-cotta, and fire-clay products, Printing and publishing,	15 131	1,408,816 11,343,096	237,262 5,122,031	315,994 4,712,508	608.72 695.47	488 4,651	31 2,125	519 6,776	485 6,175	646 7,435	737,760 14,657,488

Refrigerators,	11	333,189	173,891	100,451	784.77	128	-	128	78	177	444,327
Regalia and society badges and emblems, .	4	54,035	62,749	15,022	484.58	6	25	31	27	38	107,598
Rubber goods, not elsewhere specified, .	36	17,874,819	17,020,039	3,279,190	606.92	4,598	805	5,403	4,388	6,381	29,431,507
Saddlery and harness,	38	621,771	572,098	174,820	710.65	240	6	246	171	313	981,903
Sausage, not made in slaughtering and meat-packing establishments,	46	1,034,537	3,468,579	270,785	676.96	397	3	400	356	455	4,345,490
Scales and balances,	3	72,832	12,531	7,462	466.38	15	1	16	15	22	34,100
Screws, machine,	16	1,282,408	439,976	350,006	603.46	552	28	580	532	713	1,028,029
Shipbuilding, wooden, including boat building,	51	891,145	508,256	526,160	835.17	630	-	630	301	896	1,428,602
Shirts,	13	788,227	1,454,273	888,812	463.65	436	1,481	1,917	1,464	2,115	3,290,698
Shoddy,	25	1,522,314	1,206,066	252,076	518.67	431	55	486	382	607	1,780,356
Show cases,	11	83,174	102,373	68,683	827.51	83	-	83	65	103	219,168
Signs and advertising novelties,	11	203,492	126,317	108,463	682.16	110	49	159	132	193	333,129
Silk and silk goods, including throwsters, .	16	8,958,277	6,636,727	2,061,185	461.42	1,374	3,093	4,467	4,012	4,822	10,781,460
Silverware and plated ware,	19	7,623,726	3,233,405	1,921,480	700.25	2,321	423	2,744	2,101	3,103	7,201,057
Slaughtering and meat packing,	38	15,751,418	48,690,065	1,831,625	576.53	3,152	25	3,177	2,967	3,447	54,312,644
Soap,	39	2,500,848	3,009,631	268,876	550.98	360	128	488	438	530	5,035,136
Sporting and athletic goods,	16	1,910,473	1,504,979	702,735	539.05	830	313	1,193	949	1,387	3,145,362
Stationery goods, not elsewhere specified, .	19	2,879,304	2,150,642	844,432	513.37	681	948	1,629	1,455	1,807	4,396,578
Statuary and art goods,	10	249,681	53,724	69,876	653.05	106	1	107	82	151	199,522
Steam fittings and heating apparatus, . .	29	8,069,006	3,050,254	2,393,267	666.65	3,480	110	3,590	3,161	3,870	7,624,486
Steam packing,	10	279,890	132,497	55,934	653.05	84	1	85	70	94	367,927
Stereotyping and electrotyping,	13	267,633	98,857	212,838	744.19	265	21	286	267	302	499,449
Stoves and furnaces, not including gas and oil stoves,	14	3,017,206	1,118,682	1,344,705	829.55	1,613	8	1,621	1,449	1,742	3,334,332

Wood, turned and carved,	47	1,566,824	724,547	565,367	434.90	1,277	23	1,300	1,055	1,556	1,715,073
Wooden goods, not elsewhere specified,	26	438,503	265,374	150,819	558.59	240	30	270	213	317	555,052
Wool scouring,	11	1,640,375	473,549	355,815	585.22	577	31	608	385	852	1,065,324
Woolen and worsted goods,	166	127,318,944	72,626,394	23,956,902	481.94	29,638	20,071	49,709	36,991	59,816	119,359,387
All other industries, ¹	183	95,856,818	64,878,279	15,938,297	616.40	19,727	6,130	25,857	22,347	29,337	95,285,495

¹ Embraces Ammunition, 3; Artificial flowers, 2; Artificial limbs, 5; Axle grease, 1; Babbitt metal and solder, 2; Bags, other than paper, 4; Bags, paper, 2; Baking powders and yeast, 4; Belting and hose, rubber, 2; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, reworking, 1; Cars, and general shop construction and repairs by street railroad companies, 2; Cars, steam-railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; China decorating, 1; Chocolate and cocoa products, 5; Clothing, horse, 2; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, 1; Cork, cutting, 2; Crucibles, 2; Drug grinding, 1; Engravers' materials, 1; Explosives, 2; Fertilizers, 3; Files, 4; Fire extinguishers, chemical, 1; Fireworks, 3; Foundry supplies, 1; Gas machine and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 3; Hairwork, 2; Hammocks, 3; Hat and cap materials, 2; Hats, wool, 2; Horseshoes, not made in steel works or rolling mills, 3; Ice, manufactured, 6; Ink, printing, 1; Ink, writing, 4; Iron and steel blast furnaces, 1; Iron and steel doors and shutters, 1; Jute and jute goods, 3; Lead, bar, pipe, and sheet, 1; Mats and matting, 1; Needles, pins, and hooks and eyes, 2; Nets and seines, 2; Oilcloth, enameled, 4; Paper patterns, 1; Paving materials, 1; Pens, fountain and stylographic, 2; Pens, gold, 2; Phonographs and graphophones, 1; Photographic materials, 2; Pipes, tobacco, 3; Pumps, not including steam pumps, 2; Roofing materials, 3; Sand and emery paper and cloth, 2; Saws, 8; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 4; Soda-water apparatus 3; Springs, steel, car and carriage, 3; Starch, 4; Stoves, gas and oil, 3; Sugar and molasses refining, not including beet sugar, 3; Sulphuric, nitric, and mixed acids, 1; Typewriters and supplies, 1; Umbrellas and canes, 4; Wall paper, 2; Washing machines and clothes wringers, 1; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
BEVERLY.	44	\$5,564,798	\$3,144,554	\$3,667,149	\$740.39	4,368	695	4,953	4,375	5,638	\$7,536,881
Boot and shoe cut stock and findings,	7	143,561	107,565	18,201	587.13	29	2	31	23	41	167,828
Boots and shoes,	13	1,040,409	1,942,083	845,696	582.44	924	528	1,452	1,180	1,737	3,240,355
Bread and other bakery products,	5	10,026	44,746	10,946	643.88	16	1	17	16	17	84,853
Other industries,	19	4,370,802	1,050,160	2,792,306	808.66	3,289	164	3,453	3,156	3,843	4,043,245
BOSTON.	2,104	159,485,578	143,900,538	46,779,811	692.11	49,837	25,367	75,194	61,383	89,081	252,822,872
Automobiles, including bodies and parts, .	13	251,895	120,387	159,830	772.13	205	2	207	162	256	442,963
Awnings, tents, and sails,	22	195,686	348,332	128,581	609.39	128	83	211	142	315	590,078
Belting and hose, leather,	4	325,513	669,561	41,324	779.70	50	3	53	52	54	825,874
Billiard tables and materials,	3	86,908	52,871	16,222	853.79	19	-	19	18	22	102,499
Blacking,	13	317,145	342,591	55,565	529.19	48	57	105	88	133	597,980
Bookbinding and blank-book making, .	28	767,098	365,535	577,174	560.91	442	587	1,029	888	1,211	1,422,421
Boot and shoe cut stock and findings, .	33	5,326,652	13,346,818	747,322	588.91	998	271	1,269	911	1,544	15,541,547
Boots and shoes,	15	8,331,305	8,436,003	3,905,246	564.91	3,941	2,972	6,913	5,857	7,821	14,650,830
Boxes, fancy and paper,	20	513,548	660,013	444,314	460.43	283	682	965	875	1,064	1,426,413
Boxes, wooden packing,	4	19,805	65,474	27,943	498.98	54	2	56	50	59	119,420
Brass and bronze products,	23	242,944	341,691	171,587	749.29	229	-	229	196	257	645,064
Bread and other bakery products, . . .	153	3,007,257	4,940,948	1,193,264	533.90	1,473	762	2,235	2,081	2,395	10,072,497

Canning and preserving,	21	793,333	1,339,320	182,748	558.86	188	139	327	297	413	1,857,336
Carriages and wagons and materials,	11	394,230	175,952	175,123	738.92	237	-	237	189	276	471,173
Cleansing and polishing preparations,	6	105,410	173,547	17,138	519.33	19	14	33	27	40	306,514
Cloth, sponging and refinishing,	4	32,738	1,795	35,254	665.17	53	-	53	43	59	61,845
Clothing, men's, including shirts,	173	7,283,639	8,256,611	2,875,306	627.25	2,228	2,356	4,584	3,392	5,819	15,702,604
Clothing, women's,	128	2,952,101	4,853,276	2,104,384	559.38	1,086	2,676	3,762	2,507	4,712	9,363,352
Coffee and spice, roasting and grinding,	13	2,342,932	5,533,181	222,421	630.09	212	141	353	324	377	7,217,405
Confectionery,	52	7,411,736	9,599,909	2,069,958	378.42	1,254	4,216	5,470	4,150	6,880	15,161,583
Copper, tin, and sheet-iron products,	65	2,294,935	2,028,765	1,022,084	608.75	1,449	230	1,679	1,451	1,946	4,184,146
Cordials and sirups,	7	225,393	380,194	40,953	671.36	41	20	61	55	78	614,481
Cutlery and tools, not elsewhere specified,	16	3,293,718	771,285	590,698	558.36	481	559	1,040	738	1,400	3,245,773
Dentists' materials,	8	84,462	443,468	39,869	595.06	40	27	67	60	70	542,057
Dyestuffs and extracts,	9	355,655	447,404	37,856	630.93	59	1	60	54	67	626,922
Electrical machinery, apparatus, and sup- plies,	21	4,953,494	3,806,924	1,309,220	636.16	1,621	437	2,058	1,581	2,627	6,828,965
Electroplating,	17	66,172	24,429	72,034	774.56	93	-	93	76	108	170,802
Engraving and diesinking,	7	106,712	69,055	59,365	593.65	62	38	100	89	113	169,917
Fancy articles, not elsewhere specified,	10	175,046	83,759	56,223	468.53	38	82	120	54	218	249,815
Flavoring extracts,	6	321,846	340,577	25,461	530.44	21	27	48	42	55	516,330
Food preparations,	12	501,340	785,942	114,746	594.54	141	52	193	129	284	1,828,856
Foundry and machine-shop products,	133	14,619,901	4,613,273	4,305,216	738.71	5,762	66	5,823	4,320	7,000	12,971,641
Fur goods,	10	524,826	303,029	141,579	795.39	92	86	178	107	225	608,968
Furnishing goods, men's,	7	393,520	424,127	102,883	492.26	39	170	209	143	273	711,117
Furniture,	43	850,991	895,618	581,693	710.25	744	75	819	685	985	2,111,601

Lumber, planing-mill products,	51	1,401,937	1,729,409	763,494	787. 11	968	2	970	758	1,180	3,178,070
Marble and stone work,	13	742,143	413,122	437,507	866. 35	505	-	505	322	703	1,175,857
Mattresses and spring beds,	18	719,515	1,078,053	285,924	563. 95	390	117	507	432	579	1,823,922
Millinery and lace goods,	59	1,231,316	1,660,392	520,264	431. 40	169	1,087	1,206	828	1,611	3,046,635
Mineral and soda waters,	17	723,312	539,893	98,385	707. 81	137	2	139	99	213	1,277,858
Mirrors,	6	68,535	225,775	60,622	666. 18	91	-	91	84	102	387,709
Models and patterns, not including paper patterns,	21	103,506	37,477	113,490	816. 47	133	6	189	103	169	253,180
Mucilage and paste,	4	99,217	201,296	17,904	813. 82	19	3	22	20	22	273,514
Musical instruments and materials, not specified,	10	132,620	82,890	75,143	670. 92	97	15	112	91	129	237,378
Musical instruments, pianos and organs, and materials,	16	4,263,064	1,575,718	1,055,700	732. 62	1,396	45	1,441	1,142	1,519	3,641,525
Oil, not elsewhere specified,	5	884,986	1,503,554	92,028	681. 69	135	-	135	127	144	1,872,011
Paints and varnishes,	10	981,459	832,037	94,821	615. 72	144	10	154	140	168	1,397,308
Paper goods, not elsewhere specified,	10	450,983	128,566	68,456	414. 88	59	106	165	114	214	287,560
Patent medicines and compounds and drug- gists' preparations,	39	2,263,498	2,862,331	423,034	469. 00	367	535	902	712	1,077	5,254,240
Photo-engraving,	7	190,226	83,575	185,612	879. 68	203	8	211	196	226	527,328
Plumbers' supplies,	7	240,450	114,912	97,193	730. 77	133	-	133	105	149	261,625
Pottery, terra-cotta, and fire-clay products, Printing and publishing,	4	125,015	45,209	76,173	551. 98	114	24	188	138	213	159,551
Refrigerators,	63	2,392,867	1,450,195	1,515,132	713. 34	1,504	620	2,124	1,827	2,437	4,835,928
Rubber goods, not elsewhere specified,	7	194,725	136,526	79,537	864. 53	92	-	92	60	117	347,949
	7	506,561	385,105	163,016	492. 50	193	138	331	260	413	734,109

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product.
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Series		
Boston — Concluded.										
Saddlery and harness,	12	907,068	\$105,614	\$35,770	\$812.95	44	—	44	43	50
Sausage, not made in slaughtering and meat-packing establishments,	14	388,838	1,179,520	108,439	690.60	155	1	157	141	186
Screws, machine,	6	220,722	121,132	71,946	741.71	91	6	97	87	108
Shipbuilding, wooden, including boat building,	10	454,878	276,714	316,830	926.40	342	—	342	125	503
Show cases,	8	58,220	81,013	55,700	831.34	67	—	67	53	85
Signs and advertising novelties,	4	50,900	45,377	46,664	818.67	52	5	57	47	64
Slaughtering and meat packing,	7	160,462	2,861,532	48,321	847.74	57	—	57	52	61
Soap,	12	253,245	345,364	40,141	637.16	58	5	63	57	70
Stationery goods,	4	300,333	340,573	79,734	458.24	79	95	174	151	208
Statuary and art goods,	10	249,681	53,724	69,876	653.05	105	1	107	82	151
Steam fittings and heating apparatus, . .	15	4,994,625	1,769,259	1,311,104	673.40	1,849	98	1,947	1,728	2,121
Steam packing,	5	113,490	50,005	31,854	723.95	43	1	44	35	49
Stereotyping and electrotyping,	6	163,092	76,090	157,096	867.93	181	—	181	169	190
Structural ironwork,	21	658,385	550,720	386,599	805.41	480	—	480	392	565
Suspenders, garters, and elastic woven goods,	8	1,209,216	1,492,186	370,283	409.61	92	812	904	815	1,082

4,196,984

171,679

354,444

1,176,077

2,571,452

Tobacco manufactures,	101	3,126,083	2,832,608	2,424,357	840.33	2,161	724	2,885	2,528	3,210	6,948,214
Trunks and valises,	12	154,551	168,300	81,603	608.96	111	23	124	97	162	351,666
Type founding and printing materials,	8	265,091	88,599	80,493	745.31	86	22	108	107	124	270,785
Window shades and fixtures,	4	38,322	60,017	8,800	553.75	13	3	16	12	19	97,575
Wirework, including wire rope and cable,	5	44,147	40,263	31,537	700.82	44	1	45	39	49	108,239
Wood, turned and carved,	7	87,525	26,850	16,840	481.14	35	-	35	21	57	61,295
Other industries,	169	33,246,209	35,294,254	8,335,235	636.71	10,203	2,898	13,091	11,664	14,867	50,297,252
BROCKTON.											
Blacking,	134	23,873,870	33,592,065	10,979,808	679.22	11,786	4,376	16,162	13,767	18,146	53,480,636
Boot and shoe cut stock and findings,	13	213,588	263,759	34,859	810.67	37	6	43	38	47	523,186
Boots and shoes,	45	3,229,253	6,805,476	943,224	552.89	1,117	589	1,706	1,419	2,105	9,041,813
Boxes, fancy and paper,	33	15,769,523	23,592,691	8,595,893	702.51	8,939	3,297	12,236	10,576	13,461	37,601,925
Boxes, wooden packing,	6	226,804	147,095	98,109	415.72	63	173	236	202	279	305,641
Boxes, wooden packing,	4	168,253	137,590	42,281	621.78	68	-	68	58	78	199,904
Bread and other bakery products,	9	58,293	192,948	50,991	835.92	61	-	61	57	65	349,470
Carriages and wagons and materials,	3	41,425	13,310	14,008	824.00	17	-	17	15	19	51,300
Confectionery,	3	351,920	314,566	66,765	430.74	67	88	155	125	204	560,887
Cutlery and tools, not elsewhere specified,	9	124,368	45,161	92,106	868.92	106	-	106	96	116	209,557
Foundry and machine-shop products,	8	380,958	91,820	136,610	767.47	178	-	178	161	201	405,966
Leats,	8	950,039	219,797	224,133	875.52	255	1	255	232	315	655,841
Other industries,	43	2,359,446	1,767,842	680,229	618.39	878	222	1,100	788	1,256	3,575,148
CAMBRIDGE.											
Automobiles, including bodies and parts,	243	34,812,464	29,555,865	9,848,301	598.75	11,585	4,863	16,448	14,016	18,497	51,863,096
Bookbinding and blank-book making,	6	169,637	67,963	99,761	860.01	115	1	116	100	144	245,992
Boxes, paper and wooden,	5	486,584	174,987	168,361	516.44	153	173	326	312	352	454,232
Boxes, paper and wooden,	5	597,924	367,296	249,296	465.11	226	310	536	500	566	784,662

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Structural ironwork,	9	754,889	562,604	205,979	707.83	291	-	291	255	334	933,142
Tobacco manufactures,	4	15,621	27,146	8,484	848.40	8	2	10	8	14	45,044
Wood, turned and carved,	4	79,061	8,359	14,317	681.76	19	2	21	18	26	33,110
Other industries,	80	16,431,718	17,868,645	3,621,873	548.10	4,477	2,131	6,608	5,348	7,391	28,286,983
CHILMARA.											
Boots and shoes,	96	9,489,859	8,961,408	3,670,906	621.68	4,184	1,600	5,744	4,903	6,494	16,167,466
Boxes, fancy and paper,	5	1,433,208	2,834,032	1,210,993	558.06	1,424	746	2,170	1,939	2,416	4,688,986
Bread and other bakery products,	3	213,110	172,692	76,873	402.48	69	122	191	182	227	317,695
Foundry and machine-shop products,	13	108,278	157,590	47,590	767.58	62	-	62	56	68	286,115
Lumber, planing-mill products,	3	84,075	23,915	38,332	780.24	49	-	49	47	51	96,800
Tobacco manufactures,	4	17,680	31,860	17,196	781.64	23	-	22	20	27	64,467
Other industries,	8	9,481	12,641	7,174	652.18	8	3	11	11	12	37,552
CHICOPEN.											
Bread and other bakery products,	60	7,617,007	5,729,678	2,172,847	670.84	2,550	689	3,239	2,678	3,693	10,676,791
Brick and tile,	40	23,069,397	17,336,172	6,990,996	596.07	6,741	2,908	9,643	7,812	10,217	31,196,691
Other industries,	5	46,781	70,916	18,158	789.48	23	-	23	21	25	117,050
EVENETT.											
Boots and shoes,	5	156,438	26,804	42,983	551.06	78	-	78	13	164	90,554
Bread and other bakery products,	30	22,866,178	17,238,652	5,329,125	595.97	6,640	2,302	8,942	7,778	10,028	30,919,087
Foundry and machine-shop products,	63	23,868,431	6,891,067	1,885,628	669.85	2,386	437	2,813	2,459	3,376	11,603,469
Other industries,	3	303,238	697,642	291,692	557.73	279	244	523	486	614	1,121,674
FALL RIVER.											
Bread and other bakery products,	4	12,900	25,343	8,476	770.55	11	-	11	11	15	49,920
Foundry and machine-shop products,	4	155,153	56,037	50,901	609.75	76	-	76	67	84	149,858
Other industries,	42	23,387,141	5,112,135	1,532,559	695.99	2,019	183	2,202	1,875	2,563	10,282,017
FALL RIVER.											
Bread and other bakery products,	297	87,847,555	39,308,690	16,166,466	446.25	90,770	15,582	96,358	31,141	59,596	65,991,733
Copper, tin, and sheet-iron products,	59	222,447	443,533	128,555	649.27	196	2	198	192	205	757,688
Other industries,	5	30,808	29,960	19,020	704.44	27	-	27	26	29	69,371

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Sexes		
FALL RIVER — Concluded.										
Cordage and twine,	4	\$59,190	\$73,882	\$21,615	\$308.79	52	18	70	65	78
Cotton goods,	43	66,132,383	31,135,869	13,050,552	439.37	15,734	13,969	29,703	25,568	31,903
Cotton small wares,	6	653,675	294,429	107,205	341.42	143	171	314	288	332
Foundry and machine-shop products,	30	951,875	461,475	345,980	536.40	540	105	645	558	747
Lumber, planing-mill products,	5	132,621	164,523	41,346	689.10	60	-	60	54	63
Marble and stone work,	4	56,317	3,908	25,755	547.98	47	-	47	21	72
Mineral and soda waters,	3	7,180	5,564	4,853	539.22	9	-	9	8	10
Monuments and tombstones,	4	32,791	11,922	12,781	912.93	14	-	14	10	17
Sausage, not made in slaughtering and meat-packing establishments,	6	15,179	112,810	13,285	603.86	20	2	22	21	23
Tobacco manufactures,	6	7,844	8,524	2,912	582.40	5	-	5	5	8
Other industries,	52	19,045,045	6,562,231	2,421,607	467.67	3,923	1,255	5,178	4,325	5,839
FITCHBURG.										
Bread and other bakery products,	114	\$1,459,613	15,579,910	4,779,477	540.85	6,960	3,577	8,837	7,636	9,898
Confectionery,	18	44,795	143,836	37,328	704.30	53	-	53	50	57
Cotton goods,	3	13,598	47,080	9,771	610.69	9	7	16	15	17
Foundry and machine-shop products,	6	5,293,630	3,591,976	1,327,188	452.19	1,505	1,430	2,935	2,604	3,140
Mineral and soda waters,	20	2,034,139	536,155	537,206	656.73	817	1	818	688	963
	4	19,060	7,734	4,109	587.00	7	-	7	5	8

Tobacco manufactures,	5	9,571	8,140	6,250	781.25	7	1	8	8	10	20,666
Wood, turned and carved,	4	35,862	25,317	30,542	526.59	58	-	58	40	60	87,402
Other industries,	54	14,008,958	11,211,972	2,827,083	572.06	3,804	1,138	4,942	4,226	5,564	17,351,246
GLOUCESTER.											
Bread and other bakery products,	78	5,348,961	6,688,060	1,846,916	486.18	1,901	668	8,563	8,009	8,169	8,811,735
Canning and preserving,	4	58,943	95,773	27,204	578.81	38	9	47	44	50	161,376
Clothing, men's,	16	2,621,891	3,859,985	530,179	447.79	946	238	1,184	963	1,523	4,831,472
Foundry and machine-shop products,	5	53,807	96,237	34,739	358.13	20	77	97	93	114	168,575
Shipbuilding, wooden, including boat- building,	4	54,818	21,793	18,047	644.54	28	-	28	26	30	53,656
	11	90,483	27,600	22,626	754.20	30	-	30	22	39	83,035
Tobacco manufactures,	6	8,322	10,784	7,163	551.00	11	2	13	12	13	24,344
Other industries,	32	2,455,317	1,569,878	606,958	520.58	828	336	1,164	849	1,400	2,899,377
HAVERHILL.											
Boot and shoe cut stock and findings,	316	17,588,988	87,034,807	8,809,839	643.16	9,104	4,593	18,697	10,318	16,881	45,671,548
Boots and shoes,	115	4,014,939	7,217,073	957,668	534.71	1,333	458	1,791	1,365	2,212	9,586,640
Boxes, paper and wooden,	116	9,467,208	15,712,164	6,770,097	672.97	6,353	3,707	10,060	7,618	12,363	27,508,440
Bread and other bakery products,	10	552,113	516,843	202,128	539.02	232	143	376	331	412	925,056
Confectionery,	10	43,350	101,184	25,339	745.26	33	1	34	33	35	171,443
	3	3,895	9,060	520	520.00	1	-	1	1	1	14,090
Cutlery and tools, not elsewhere specified,	4	14,907	10,722	15,172	892.47	17	-	17	16	19	41,610
Foundry and machine-shop products,	5	114,013	37,687	47,734	734.37	65	-	65	49	86	112,564
Mineral and soda waters,	3	12,800	12,390	4,671	667.29	7	-	7	3	13	27,316
Models and patterns, not including paper patterns,	6	34,160	15,667	27,387	806.50	34	-	34	29	45	77,802
Printing and publishing,	4	17,799	6,866	10,997	549.86	16	4	20	16	21	32,002
Tobacco manufactures,	4	6,296	3,710	3,852	481.50	6	2	8	7	8	12,457
Other industries,	36	3,201,486	3,391,412	743,669	578.73	1,007	278	1,285	844	1,666	5,162,128

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

Greatest Number	Value of Product
19,303	\$45,804,797
65	378,115
1,373	2,197,493
240	938,070
12	28,450
4,941	12,724,604
584	2,130,794
9	54,200
677	1,538,206
67	128,095
11,314	26,077,839
34,796	70,308,314
97	520,396
10	27,826
181	427,968
5,313	8,105,980
855	1,432,496

Sausage, not made in slaughtering and meat-packing establishments, . . .	3	25,700	129,578	6,584	731.56	9	-	9	9	176,500
Tobacco manufactures, . . .	4	3,572	6,114	6,547	595.18	10	1	11	12	18,849
Woolen and worsted goods, . . .	14	62,406,555	27,033,795	8,169,943	455.40	10,228	7,712	17,940	22,692	45,521,854
Other industries, . . .	59	12,282,139	8,992,767	2,726,386	542.35	4,188	839	5,027	5,626	13,882,325
LOWELL.										
Boots and shoes, . . .	224	61,508,923	33,605,231	14,563,806	468.39	17,454	13,618	31,078	34,984	59,322,088
Boxes, fancy and paper, . . .	11	1,282,308	2,408,652	758,985	495.42	1,004	528	1,532	1,985	3,097,976
Boxes, wooden packing, . . .	3	163,791	76,520	74,267	450.10	57	108	165	197	203,977
Boxes, wooden packing, . . .	7	394,367	555,656	133,867	510.94	262	-	262	296	753,590
Bread and other bakery products, . . .	34	170,354	363,685	101,877	688.36	138	10	148	156	652,522
Copper, tin, and sheet-iron products, . . .	5	31,171	22,711	23,581	637.32	37	-	37	47	71,315
Cotton goods, . . .	8	27,212,226	15,063,005	6,369,838	454.18	7,287	6,738	14,025	14,759	26,795,270
Cotton small wares, . . .	3	67,007	65,470	21,890	475.22	23	23	46	58	103,000
Foundry and machine-shop products, . . .	27	3,873,538	1,553,559	1,329,668	594.40	2,214	23	2,237	2,892	3,038,396
Lumber, planing-mill products, . . .	8	220,181	109,670	70,275	717.09	96	-	98	111	229,769
Monuments and tombstones, . . .	6	15,588	5,806	7,415	570.38	13	-	13	20	29,233
Patent medicines and compounds and druggists' preparations, . . .	5	1,122,656	372,413	98,540	505.33	110	85	195	326	1,018,324
Tobacco manufactures, . . .	9	38,074	22,677	12,010	571.90	21	-	21	21	47,589
Woolen and worsted goods, . . .	10	3,749,304	1,997,806	828,958	450.03	861	961	1,842	2,220	3,399,061
Other industries, . . .	98	23,162,453	10,967,601	4,722,665	451.89	5,329	5,122	10,451	11,886	19,282,166
LYNN.										
Awnings, tents, and sails, . . .	385	34,107,322	43,121,464	18,210,387	641.01	19,959	8,450	38,409	32,849	78,947,766
Blacking, . . .	3	6,316	10,305	3,938	787.60	4	1	5	11	25,735
Boot and shoe cut stock and findings, . . .	11	183,547	358,252	46,004	793.17	57	1	58	66	743,806
Boots and shoes, . . .	87	4,523,704	11,137,456	866,271	530.48	1,207	426	1,633	2,070	13,681,057
Boxes, fancy and paper, . . .	105	13,481,243	18,059,115	8,859,660	685.36	7,547	5,380	12,927	15,710	33,077,537
	4	185,185	207,453	103,003	497.60	95	111	207	230	422,130

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
LYNN — Concluded.											
Boxes, wooden packing,	3	\$235,422	\$257,838	\$115,651	\$509.48	125	102	227	200	246	\$470,213
Bread and other bakery products, . .	14	165,379	274,465	80,072	684.38	106	9	117	114	119	504,950
Carriages and wagons and materials, . .	5	38,863	11,907	21,180	755.43	28	-	28	18	37	50,040
Confectionery,	3	34,627	34,418	7,807	487.94	11	5	16	9	21	53,736
Cutlery and tools, not elsewhere specified, . .	5	23,320	9,089	21,065	779.81	27	-	27	27	33	44,416
Foundry and machine-shop products, . .	20	676,900	137,264	245,417	750.51	327	-	327	280	373	603,916
Lasts,	8	283,796	108,601	141,702	819.09	173	-	173	149	201	428,002
Leather, tanned, curried, and finished, . .	8	1,707,702	2,189,987	265,736	519.02	512	-	512	436	578	3,054,540
Lumber, planing-mill products,	5	201,758	218,487	54,563	699.53	78	-	78	63	94	323,607
Mineral and soda waters,	3	45,256	23,444	9,846	703.29	14	-	14	8	24	65,611
Models and patterns, not including paper patterns,	11	131,937	53,382	78,291	731.69	97	10	107	66	167	223,139
Printing and publishing,	11	189,904	87,638	74,124	607.57	91	31	122	104	133	292,695
Tobacco manufactures,	5	4,666	7,041	7,039	586.58	11	1	12	8	18	20,353
Other industries,	54	11,988,297	9,915,322	7,209,028	609.95	9,446	2,373	11,819	10,196	12,713	24,862,178
MALDEN.											
All industries,	63	7,550,551	3,791,896	1,407,891	510.81	1,453	1,333	2,755	2,381	3,086	7,866,779
	63	7,550,551	3,791,896	1,407,891	510.81	1,423	1,333	2,755		3,086	7,866,779

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued. 26

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males		Both Sexes			
						Females					
NORTH ADAMS.	50	\$12,245,243	\$5,844,173	\$2,747,061	\$532.27	3,496	1,666	5,161	4,354	5,959	\$10,324,309
Bread and other bakery products, . . .	7	202,601	378,437	76,303	448.84	97	73	170	134	208	609,130
Foundry and machine-shop products, . . .	5	344,982	107,234	133,288	683.53	196	-	196	187	204	346,306
Mineral and soda waters, . . .	4	4,025	3,537	2,132	710.67	3	-	3	3	3	8,200
Saddlery and harness, . . .	3	17,525	12,210	10,409	743.50	14	-	14	12	17	32,710
Tobacco manufactures, . . .	7	23,533	37,462	30,764	654.55	43	4	47	46	51	89,130
Other industries, . . .	24	11,752,576	5,105,293	2,494,165	527.08	3,143	1,589	4,732	3,972	5,460	9,238,833
NORTHAMPTON.	50	\$,883,430	4,682,516	\$,004,086	570.46	2,386	1,127	3,513	2,980	3,940	\$,684,096
Bread and other bakery products, . . .	8	70,516	120,942	21,973	627.80	35	-	35	32	37	194,146
Cutlery and tools, not elsewhere specified, . . .	4	568,709	180,261	280,103	603.67	449	15	464	411	531	579,375
Tobacco manufactures, . . .	6	12,077	12,116	10,416	612.71	17	-	17	16	19	34,924
Other industries, . . .	32	7,642,128	4,376,197	1,691,544	564.41	1,885	1,112	2,997	2,521	3,353	7,855,651
PITTSFIELD.	55	15,389,565	10,892,199	6,117,519	684.31	6,960	2,349	9,809	7,968	10,247	\$3,919,923
Bread and other bakery products, . . .	11	67,431	120,075	87,485	814.89	45	1	46	45	47	224,300
Foundry and machine-shop products, . . .	3	405,633	201,987	155,766	711.26	219	-	219	194	255	502,932
Lumber, planing-mill products, . . .	4	110,398	44,880	34,822	892.87	39	-	39	34	44	111,160
Saddlery and harness, . . .	4	60,226	10,600	5,028	628.50	8	-	8	7	16	35,299
Woolen and worsted goods, . . .	6	2,780,980	2,240,302	1,192,179	536.53	1,515	707	2,222	1,782	2,545	4,311,209
Other industries, . . .	27	11,954,842	8,274,355	4,692,339	702.97	5,134	1,541	6,675	5,866	7,340	18,735,023

QUINCY.											
Cutlery and tools, not elsewhere specified, .	157	10,694,410	6,836,578	4,863,976	765.98	5,984	470	6,434	5,678	7,318	18,988,061
Foundry and machine-shop products, .	4	56,060	24,800	16,976	707.33	24	-	24	19	27	56,212
Marble and stone work,	6	1,356,207	161,359	201,703	674.59	299	-	299	271	331	674,052
Monuments and tombstones,	21	1,216,198	156,942	316,055	796.11	397	-	397	336	476	718,291
Other industries,	100	1,284,867	602,617	825,682	808.70	1,021	-	1,021	798	1,229	2,228,617
	26	6,781,078	5,290,860	3,503,559	746.55	4,223	470	4,693	4,248	5,150	9,244,879
SALEM.											
Boot and shoe cut stock and findings, .	161	9,651,034	10,603,516	3,370,139	509.99	4,558	8,084	6,616	5,544	7,848	17,344,568
Boots and shoes,	28	421,001	844,373	233,326	398.17	325	261	586	400	739	1,310,582
Bread and other bakery products,	14	2,038,696	3,391,478	1,378,844	517.39	1,789	876	2,665	2,065	3,235	5,720,878
Foundry and machine-shop products,	15	65,450	189,252	41,056	789.54	50	2	52	51	53	319,362
Leather, tanned, curried, and finished, .	15	269,808	142,901	104,254	729.05	142	1	143	125	168	327,592
	29	2,200,917	3,416,289	688,128	585.64	1,174	1	1,175	1,054	1,510	4,728,148
LUMBER, PLANING-MILL PRODUCTS,											
Mineral and soda waters,	5	130,242	192,230	42,540	654.46	65	-	65	58	72	305,086
Steam fittings and heating apparatus,	4	28,660	9,985	11,115	694.69	16	-	16	13	20	37,846
Other industries,	38	89,511	29,905	36,506	730.12	50	-	50	45	56	120,529
		4,406,759	2,387,103	834,370	447.62	941	923	1,864	1,733	1,995	4,474,543
SOMERVILLE.											
Bread and other bakery products,	93	18,693,878	48,837,455	3,548,479	600.38	5,549	358	5,901	5,859	6,669	50,879,057
Confectionery,	17	206,101	248,751	76,780	619.19	94	30	124	118	131	445,146
Wooden goods,	3	7,654	47,341	9,884	340.83	6	23	29	29	30	68,328
Other industries,	4	118,809	81,626	54,908	513.16	85	22	107	85	119	162,890
	69	18,361,314	41,859,737	3,400,907	602.89	5,364	277	5,641	5,027	6,389	49,602,693
SPRINGFIELD.											
Automobiles, including bodies and parts, .	845	57,994,576	20,864,801	9,948,199	657.45	11,523	3,809	15,138	18,149	18,097	43,509,139
Brass and bronze products,	6	2,393,840	392,449	568,144	851.79	657	10	667	394	1,067	1,849,194
Bread and other bakery products,	6	356,044	476,876	162,226	684.50	217	20	237	201	272	764,360
Carriages and wagons and materials,	17	436,423	522,418	140,558	682.32	161	45	206	181	236	1,009,577
Copper, tin, and sheet-iron products,	5	124,171	65,098	46,146	795.63	57	1	58	41	81	140,130
	3	40,550	19,150	33,344	757.82	44	-	44	34	52	93,900

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
SPRINGFIELD — Concluded.											
Foundry and machine-shop products, .	28	\$4,784,926	\$1,333,656	\$1,087,235	\$734.12	1,468	13	1,481	1,223	1,789	\$3,568,051
Hardware,	5	433,358	138,013	175,984	560.46	276	38	314	261	367	430,837
Hosiery and knit goods,	4	621,811	373,811	206,750	490.81	88	342	430	309	522	812,043
Lumber, planing-mill products,	4	226,491	242,243	82,104	733.07	112	-	112	93	182	378,280
Mattresses and spring beds,	4	187,948	113,242	36,822	526.03	61	9	70	55	82	213,624
Mineral and soda waters,	3	27,529	29,921	11,215	623.06	18	-	18	10	28	65,852
Models and patterns, not including paper patterns,	4	9,615	3,439	17,250	862.50	20	-	20	12	24	27,097
Paper goods, not elsewhere specified,	8	1,392,561	1,034,604	291,835	525.83	278	277	555	500	607	1,805,226
Plumbers' supplies,	4	317,066	150,144	104,346	662.16	152	8	160	129	188	301,121
Printing and publishing,	11	2,567,100	742,594	401,994	677.90	443	150	593	537	671	1,864,501
Tobacco manufactures,	25	348,307	323,472	365,152	730.30	306	194	500	454	545	890,866
Other industries,	108	23,726,836	14,903,071	6,217,094	643.13	7,165	2,502	9,667	7,715	11,434	29,304,480
TAUNTON.											
Bread and other bakery products,	94	15,467,517	9,560,384	4,105,134	574.47	5,396	1,980	7,146	6,336	7,799	16,982,425
Cotton goods,	10	54,939	145,868	39,545	746.13	53	-	53	52	54	232,772
Foundry and machine-shop products,	7	6,003,664	3,361,302	1,337,524	462.01	1,603	1,292	2,895	2,750	3,008	5,257,415
	9	2,370,600	539,492	508,562	661.33	764	5	769	636	984	1,320,800

Pottery, terra-cotta, and fire-clay products, Stoves and furnaces, not including gas and oil stoves,	3	213,962	93,485	91,663	580.15	158	-	158	148	172	234,000
	6	1,053,651	572,896	695,137	852.93	812	3	816	746	880	1,711,197
Tobacco manufactures,	8	16,496	14,480	13,968	517.33	20	7	27	25	28	51,976
Other industries,	51	5,749,115	4,622,701.	1,418,785	534.08	1,816	613	2,429	1,981	2,673	7,474,205
WALTHAM.											
Bread and other bakery products,	64	17,863,978	4,946,481	4,838,368	601.70	4,559	2,475	7,034	6,063	7,703	11,571,080
Foundry and machine-shop products,	6	76,460	155,265	34,020	680.40	50	-	50	48	51	270,867
Tobacco manufactures,	6	465,805	133,343	219,396	714.64	300	7	307	162	395	459,120
Watch and clock materials,	3	3,055	6,811	5,327	591.89	7	2	9	7	11	15,768
Other industries,	5	104,487	37,020	75,066	647.12	57	59	116	72	135	157,382
	44	16,614,171	3,914,042	3,898,557	595.02	4,145	2,407	6,552	5,774	7,111	10,667,943
WOBURN.											
Boot and shoe cut stock and findings,	45	8,349,859	4,037,630	875,385	598.28	1,579	99	1,478	1,064	1,951	6,025,416
Bread and other bakery products,	5	123,798	111,192	40,707	424.03	54	42	96	72	121	194,486
Cutlery and tools, not elsewhere specified,	4	10,535	24,561	7,072	642.91	9	2	11	11	12	46,632
Foundry and machine-shop products,	3	41,210	6,107	9,518	634.53	14	1	15	15	15	26,980
Leather, tanned, curried, and finished,	4	247,367	117,847	67,881	652.70	104	-	104	86	123	247,628
	16	6,070,135	2,575,486	483,092	550.64	823	9	832	542	1,185	3,576,678
Other industries,	13	1,856,214	1,202,437	267,115	635.99	375	45	420	338	495	1,933,062
WORCESTER.											
Boots and shoes,	448	75,474,918	50,453,169	19,887,759	626.38	24,317	7,484	31,801	26,898	36,975	89,707,793
Brass and bronze products,	7	1,371,964	1,780,434	563,890	595.45	533	414	947	729	1,080	2,752,163
Bread and other bakery products,	5	41,561	46,541	17,116	744.17	23	-	23	17	27	81,106
Carriages and wagons and materials,	47	416,554	774,653	230,858	625.63	287	82	369	336	401	1,318,643
Clothing, men's,	6	72,793	22,563	28,332	745.58	38	-	38	23	46	84,514
	11	312,261	430,255	124,099	488.58	110	144	254	226	281	673,111

Printing and publishing,	6	182,344	62,154	73,845	745.91	90	9	99	85	114	239,852
Sausage, not made in slaughtering and meat-pecking establishments,	5	86,316	279,253	23,521	758.74	31	-	31	29	31	334,533
Tobacco manufactures,	15	53,315	69,681	42,209	578.21	54	19	73	35	113	138,471
Wirework, including wire rope and cable, . .	10	2,804,624	1,915,974	837,273	549.39	1,218	306	1,524	1,350	1,668	3,440,015
Wooden goods, not elsewhere specified, . .	5	94,053	60,281	23,159	643.31	32	4	36	27	44	114,191
Woolen and worsted goods,	11	2,338,737	2,436,359	634,844	467.83	648	709	1,357	1,121	1,523	3,716,928
Other industries,	166	49,354,097	34,669,815	11,415,534	638.92	13,283	4,584	17,867	15,173	20,511	58,007,473
TOTAL FOR THE 33 CITIES,	6,219	\$976,636,940	\$705,591,368	\$325,833,413	\$573.94	\$39,083	145,656	444,834	372,597	508,510	\$1,916,709,343

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
METROPOLITAN BOSTON.	3,504	\$362,458,823	\$326,070,304	\$107,031,322	\$630.14	120,630	51,974	172,594	142,924	200,004	\$560,300,104
Artificial stone,	12	288,186	94,315	116,598	821.11	142	-	142	93	204	337,015
Automobiles, including bodies and parts, .	27	2,039,317	2,457,120	1,028,574	776.87	1,316	8	1,324	1,007	1,558	4,328,532
Awnings, tents, and sails,	28	204,192	369,472	135,619	610.90	134	88	222	149	335	637,323
Baskets, and rattan and willow ware, .	7	22,124	29,378	22,106	491.24	40	5	45	40	49	73,137
Belting and hose, leather,	4	325,513	669,561	41,324	779.70	50	3	53	52	54	825,874
Belting and hose, woven,	4	548,820	434,528	67,096	549.97	66	56	122	105	150	705,554
Billiard tables and materials,	3	86,908	52,871	16,222	853.79	19	-	19	18	22	102,499
Blacking,	29	1,162,505	1,613,521	226,108	510.40	193	250	443	369	520	3,065,278
Bookbinding and blank-book making, .	36	1,259,591	542,889	753,786	548.21	602	773	1,375	1,218	1,588	1,895,157
Boot and shoe cut stock and findings, .	141	10,283,758	24,960,295	1,746,138	548.07	2,366	820	3,186	2,264	3,956	29,992,718
Boots and shoes,	147	28,620,618	37,481,776	17,007,813	627.66	16,176	10,921	27,097	21,912	31,618	65,904,563
Boots and shoes, rubber,	5	16,351,411	9,162,855	3,593,849	539.70	3,947	2,712	6,659	5,533	7,389	19,943,181
Boxes, fancy and paper,	41	1,538,259	1,514,514	952,018	448.85	670	1,451	2,121	1,909	2,338	3,213,297
Boxes, wooden packing,	12	1,174,085	1,010,243	396,578	574.75	586	104	690	614	745	1,787,788
Brass and bronze products,	82	2,043,189	1,860,734	662,048	713.41	928	-	928	799	1,161	2,947,755

Bread and other bakery products, . . .	283	5,248,204	8,530,666	2,218,267	575.28	2,763	1,063	3,856	3,569	4,172	16,786,013
Brick and tile,	7	473,515	94,190	141,804	875.33	162	-	162	92	268	291,291
Canning and preserving,	28	850,890	1,471,438	206,177	551.28	222	152	374	322	487	2,052,263
Carriages and wagons and materials, . . .	29	686,618	372,384	383,077	735.27	521	-	521	415	614	971,602
Chemicals,	16	3,760,875	2,428,647	589,772	685.78	858	2	860	726	973	4,680,706
Cleansing and polishing preparations, . .	10	172,897	236,019	29,326	543.07	38	16	54	47	63	439,332
Cloth, sponging and refinishing, . . .	4	32,788	1,795	35,254	665.17	53	-	53	43	59	61,845
Clothing, men's,	175	7,696,207	8,764,465	3,045,940	622.51	2,357	2,536	4,893	3,905	6,227	16,453,243
Clothing, women's,	148	3,649,303	5,615,012	2,354,807	540.96	1,181	3,172	4,353	2,956	5,397	10,672,907
Coffee and spice, roasting and grinding, .	14	2,443,110	5,776,200	237,432	631.47	230	146	376	354	403	7,537,796
Confectionery,	76	8,888,461	11,414,430	2,489,348	377.92	1,577	5,010	6,587	5,118	8,181	17,991,321
Cooperage,	5	473,672	548,968	170,833	614.51	278	-	278	268	293	796,174
Copper, tin, and sheet-iron products, . .	79	2,965,533	2,544,797	1,220,703	602.52	1,783	243	2,026	1,752	2,358	5,093,760
Cordials and sirups,	7	225,393	380,194	40,953	671.36	41	20	61	55	78	614,481
Cotton goods,	8	4,414,707	1,606,063	813,378	437.30	1,144	716	1,860	1,720	2,025	2,968,743
Cutlery and tools, not elsewhere specified, .	42	3,724,177	913,236	700,280	574.00	653	567	1,220	879	1,616	3,673,660
Dentists' materials,	8	84,462	443,468	39,869	525.06	40	27	67	60	70	542,067
Dyeing and finishing textiles,	9	1,544,906	536,285	527,383	512.52	895	134	1,029	893	1,179	1,374,850
Dyestuffs and extracts,	12	567,027	673,362	59,705	656.10	90	1	91	76	103	1,017,743
Electrical machinery, apparatus, and sup- plies,	51	20,342,056	15,580,465	9,421,146	607.62	12,402	3,103	15,505	13,180	17,143	34,328,911
Electroplating,	19	69,182	35,972	77,377	773.77	98	2	100	80	116	181,452
Engraving and diesinking,	8	114,982	70,248	59,865	586.91	64	38	102	91	115	173,417
Fancy articles, not elsewhere specified, .	14	502,288	246,794	184,856	472.78	248	143	391	286	536	638,671
Felt goods,	5	1,057,590	564,870	158,531-	518.08	212	94	306	236	455	915,015
Flavoring extracts,	7	330,277	349,751	30,811	505.10	28	33	61	55	69	546,330

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males		Both Sexes			
						Females					
Metropolitan Boston — Continued.											
Food preparations,	18	\$539,541	\$849,326	\$130,064	\$588.52	163	58	221	148	321	\$1,971,811
Foundry and machine-shop products,	214	24,369,165	7,604,764	6,846,987	719.37	9,354	164	9,518	7,333	11,342	20,408,710
Fur goods,	10	524,826	303,029	141,579	795.39	92	86	178	110	225	608,968
Furnishing goods, men's,	9	402,720	431,060	106,273	480.87	40	181	221	153	290	724,678
Furniture,	64	5,613,654	2,544,550	1,908,725	651.44	2,719	211	2,930	2,553	3,361	6,335,340
Galvanizing,	3	24,805	19,422	10,219	729.93	14	—	14	11	16	37,502
Gas and electric fixtures,	9	134,632	129,929	86,788	803.59	108	—	108	99	123	310,743
Glass, cutting, staining, and ornamenting,	18	115,633	67,970	117,390	686.49	166	5	171	136	199	269,069
Glue,	4	546,604	475,801	62,124	474.23	113	18	131	70	162	652,983
Gold and silver, leaf and foil,	8	70,921	103,408	59,463	613.03	50	47	97	91	107	197,498
Grease and tallow,	12	637,970	757,644	147,922	688.01	214	1	215	205	226	1,194,682
Hand stamps and stencils and brands,	17	51,315	21,417	50,327	774.26	63	2	65	59	75	150,431
Hardware,	18	805,597	202,627	166,881	678.38	212	34	246	213	289	476,471
Hats and caps, other than felt, straw, and wool,	25	193,772	376,833	173,586	611.22	188	96	284	245	338	777,927
Hosiery and knit goods,	31	5,019,922	3,535,100	1,384,527	494.12	452	2,350	2,802	2,343	3,077	6,596,387

House-furnishing goods, not elsewhere specified,	13	722,754	696,717	151,087	449.66	170	166	336	298	374	1,031,444
Instruments, professional and scientific,	19	1,161,345	332,734	396,242	719.13	492	59	551	476	658	1,262,832
Jewelry,	23	790,630	457,223	313,589	617.30	348	160	508	412	594	1,138,610
Jewelry and instrument cases,	8	144,641	108,066	88,393	457.99	69	124	193	159	224	257,553
Leats,	12	531,368	219,453	246,857	854.18	280	-	289	249	328	697,823
Leather goods, not elsewhere specified,	24	417,758	488,826	190,966	524.63	148	216	364	244	482	926,060
Leather, tanned, curried, and finished,	40	10,333,262	9,126,800	1,358,804	579.94	2,328	15	2,343	1,783	2,972	12,116,985
Liquors, malt,	17	14,148,817	2,318,836	1,118,746	962.78	1,154	8	1,162	1,105	1,221	8,647,997
Looking-glasses and picture frames,	20	292,783	218,410	139,375	679.88	190	15	205	175	243	575,736
Lumber, planing-mill products,	88	2,970,491	3,013,174	1,352,076	792.54	1,704	2	1,706	1,348	2,087	5,514,227
Marble and stone work,	43	2,288,792	695,372	918,746	829.19	1,108	-	1,108	764	1,462	2,276,488
Mattresses and spring beds,	23	738,840	1,093,773	296,192	569.60	401	119	520	445	594	1,864,316
Millinery and lace goods,	60	1,549,053	1,880,378	603,849	440.77	197	1,173	1,370	966	1,813	3,433,279
Mineral and soda waters,	30	832,022	578,622	120,574	696.96	171	2	173	125	272	1,398,663
Mirrors,	6	68,535	225,775	60,622	666.18	91	-	91	84	102	387,709
Models and patterns, not including paper patterns,	34	240,688	92,267	199,306	784.67	238	16	254	176	346	494,264
Monuments and tombstones,	113	1,402,947	649,213	881,795	811.97	1,086	-	1,086	846	1,315	2,391,910
Mucilage and paste,	9	486,588	806,392	45,198	664.68	55	13	68	62	74	1,096,919
Musical instruments and materials, not specified,	10	132,620	82,890	75,143	670.92	97	15	112	91	129	237,378
Musical instruments, pianos and organs, and materials,	30	8,160,009	2,671,008	1,913,738	696.92	2,565	181	2,746	2,352	3,039	6,381,623
Oil, not elsewhere specified,	8	1,119,158	1,916,697	126,718	600.56	211	-	211	193	227	2,353,508
Paints and varnishes,	23	2,614,412	2,425,100	275,771	607.43	417	37	454	390	507	4,241,615

Soap,	26	2,066,892	2,515,601	215,019	530.91	286	119	406	359	442	4,308,211
Stationery goods, not elsewhere specified, . .	5	362,493	344,293	82,334	462.55	83	95	178	153	213	551,757
Statuary and art goods,	10	249,681	53,724	69,876	653.05	106	1	107	82	151	199,522
Steam fittings and heating apparatus, . .	18	5,452,387	1,889,872	1,411,203	684.72	1,963	98	2,061	1,833	2,245	4,580,770
Steam packing,	9	187,868	106,386	46,046	685.97	67	1	68	56	74	260,660
Stereotyping and electrotyping,	6	163,092	76,080	157,096	867.93	181	-	181	169	190	354,444
Stoves and furnaces, not including gas and oil stoves,	5	1,849,921	490,703	611,407	814.12	748	3	751	654	801	1,482,259
Structural ironwork,	37	2,383,733	1,922,708	981,707	769.97	1,275	-	1,275	1,048	1,498	3,496,079
Surgical appliances,	9	143,150	81,872	78,587	609.20	65	64	129	115	144	262,993
Suspenders, garters, and elastic woven goods,	15	2,363,618	2,139,167	600,819	438.87	236	1,133	1,369	1,196	1,593	3,615,080
Tobacco manufactures,	133	3,182,114	2,895,214	2,455,507	837.20	2,200	783	2,933	2,568	3,371	7,089,908
Trunks and valises,	16	351,925	381,983	157,455	560.34	209	72	281	162	364	725,253
Typefoundry and printing materials, . .	8	265,091	88,599	80,493	745.31	86	22	106	107	124	270,785
Watch and clock materials,	6	137,487	39,620	91,234	536.67	60	110	170	122	194	196,176
Window shades and fixtures,	6	59,787	110,975	18,342	539.47	31	3	34	27	39	159,495
Wirework, including wire rope and cable, . .	8	158,913	100,604	115,405	735.06	153	4	157	132	174	320,939
Wood, turned and carved,	11	166,606	35,209	31,157	556.38	54	2	56	39	83	94,405
Wooden goods, not elsewhere specified, . .	11	228,592	149,474	81,035	555.03	123	23	146	117	166	299,818
Woolen and worsted goods,	4	2,337,931	1,790,904	475,209	520.49	522	391	913	591	1,173	2,250,034
All other industries,	237	82,624,552	57,702,854	17,061,797	648.66	20,135	6,168	26,303	23,240	29,210	89,197,815

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

D. METROPOLITAN BOSTON — 1913.

[Arranged in order of Product Value.]

CITIES AND TOWNS.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Males	Females	Both Sexes			
METROPOLITAN BOSTON.						120,620	51,974	172,594	142,924	200,004	\$560,390,104
Boston,	2,104	152,425,578	143,300,538	46,779,211	622.11	49,837	25,357	75,194	61,283	89,021	252,222,872
Lynn, .	365	34,107,822	43,101,464	18,210,387	641.01	19,959	8,450	28,409	22,770	32,849	78,947,766
Cambridge,	243	34,812,464	29,555,865	9,848,301	598.75	11,585	4,863	16,448	14,016	18,497	51,863,096
Somerville,	93	18,603,878	42,237,455	3,542,479	600.32	5,549	352	5,901	5,259	6,669	50,279,057
Chelsea,	96	9,482,839	8,961,408	3,570,905	621.68	4,184	1,560	5,744	4,903	6,494	16,167,466
Watertown,	13	9,240,079	7,317,663	2,641,219	587.85	3,077	1,416	4,493	3,881	4,862	15,153,987
Quincy,	157	10,604,410	6,236,578	4,863,975	755.98	5,964	470	6,434	5,672	7,212	12,922,051
Everett,	53	23,858,431	5,891,057	1,883,628	669.85	2,385	427	2,812	2,439	3,276	11,603,469
Waltham,	64	17,263,978	4,246,481	4,232,366	601.70	4,559	2,475	7,034	6,063	7,703	11,571,080
Weymouth,	29	5,340,382	5,170,022	1,360,238	613.27	1,602	616	2,218	1,831	2,580	8,184,508
Malden,	63	7,550,551	3,791,896	1,407,291	510.81	1,422	1,333	2,755	2,381	3,086	7,866,779
Woburn,	45	8,349,259	4,037,630	875,385	592.28	1,379	99	1,478	1,064	1,951	6,025,416
Braintree,	16	2,482,598	3,491,937	1,276,436	590.40	1,411	751	2,162	1,837	2,439	5,958,316
Wakefield,	17	4,735,404	3,013,031	1,251,802	553.65	1,403	858	2,261	2,028	2,463	5,921,253
Newton,	37	5,585,937	3,333,407	1,241,367	553.69	1,541	701	2,242	1,759	2,717	5,295,231
Winchester,	17	2,433,772	3,581,723	669,364	586.65	1,046	95	1,141	943	1,336	4,897,398

MEDFORD,	.	.	.	.	.	.	.	28	3,138,241	1,910,567	374,121	638.43	499	87	586	456	709	2,633,117
MELROSE,	.	.	.	.	.	.	.	16	2,919,722	1,365,881	458,170	478.76	443	514	957	789	1,109	2,502,289
Stoneham,	.	.	.	.	.	.	.	18	1,012,642	1,416,681	481,334	517.01	557	374	931	702	1,096	2,168,926
Needham,	.	.	.	.	.	.	.	19	1,833,461	1,049,376	542,294	643.29	285	558	843	706	946	2,149,137
Canton,	.	.	.	.	.	.	.	15	3,071,483	847,645	498,824	575.34	673	194	867	747	1,065	1,932,267
Dedham,	.	.	.	.	.	.	.	10	657,041	537,670	160,793	452.94	202	153	355	312	390	746,811
Wellesley,	.	.	.	.	.	.	.	4	654,645	427,009	130,218	551.77	124	112	236	191	277	655,986
Brookline,	.	.	.	.	.	.	.	10	600,499	244,028	223,881	674.34	303	29	332	290	360	590,436
Revere,	.	.	.	.	.	.	.	5	873,306	312,092	74,980	742.38	96	5	101	88	108	491,131
Arlington,	.	.	.	.	.	.	.	13	326,785	168,477	100,110	700.07	137	6	143	127	163	370,043
Lexington,	.	.	.	.	.	.	.	5	359,210	187,027	46,513	637.16	56	17	73	65	79	343,062
Hingham,	.	.	.	.	.	.	.	6	213,763	66,469	52,965	524.41	69	32	101	59	137	182,836
Milton, .	.	.	.	.	.	.	.	4	94,017	64,636	32,214	555.41	41	17	58	41	73	171,632
Winthrop,	.	.	.	.	.	.	.	3	88,590	17,470	9,298	619.87	12	3	15	13	18	38,752
Swampscott,	.	.	.	.	.	.	.	3	14,132	12,603	7,079	471.93	9	6	15	10	19	28,454
Other towns, ¹	.	.	.	.	.	.	.	13	483,909	174,598	184,674	724.21	211	44	255	199	380	510,485

¹ Includes Belmont, Cohasset, Dover, Hull, Nahant, Saugus, Weston, and Westwood.

E. FOR 118 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Abington,	12	\$2,612,825	\$2,889,390	\$1,116,904	\$801.13	1,352	506	1,858	1,519	2,044	\$4,901,457
Acton,	15	1,514,837	419,179	165,596	563.25	263	31	294	242	344	841,418
Adams,	28	8,363,107	3,495,594	1,849,392	482.74	2,239	1,592	3,831	3,659	4,035	6,160,930
Agawam,	3	466,491	218,004	87,418	560.37	91	65	156	146	166	658,014
Amesbury,	43	2,479,786	1,894,568	1,132,890	678.78	1,474	195	1,669	1,331	2,015	3,918,064
Automobiles, including bodies and parts,	16	1,261,340	900,628	639,676	779.14	811	10	821	631	1,021	1,983,612
Bread and other bakery products, . . .	3	15,700	23,165	5,668	629.78	9	-	9	9	9	36,900
Carriages and wagons and materials, . .	6	104,580	52,365	27,913	649.14	42	1	43	37	49	101,453
Other industries,	18	1,098,166	918,210	459,633	577.43	612	184	796	554	936	1,796,099
Amherst,	16	1,165,214	865,207	278,105	599.36	257	207	464	164	638	1,431,406
Andover,	10	3,797,471	1,840,550	722,490	498.27	893	557	1,450	1,222	1,637	3,349,736
Arlington,	13	326,785	168,477	100,110	700.07	137	6	143	127	163	370,043
Ashburnham,	9	1,013,265	256,564	227,410	562.90	386	18	404	365	448	644,991
Athol,	29	7,977,933	1,937,507	1,522,415	602.70	1,945	581	2,526	2,176	2,790	4,891,957
Attleborough,	136	16,397,995	8,478,547	4,307,637	636.60	4,996	1,789	6,715	5,683	7,867	16,964,924
Cutlery and tools, not elsewhere specified,	5	25,720	4,189	12,686	551.57	23	-	23	16	30	36,696
Engraving and diesinking,	7	17,285	4,845	26,742	703.74	37	1	38	33	49	53,611
Jewelry,	81	8,581,425	4,094,940	2,536,658	645.30	2,641	1,290	3,931	3,248	4,677	9,364,159
Silverware and plated ware,	4	1,549,664	803,961	413,173	737.81	492	68	500	439	658	1,658,424
Other industries,	39	6,153,901	3,570,612	1,218,368	563.28	1,733	430	2,163	1,947	2,453	5,851,334
Auburn,	4	955,373	663,914	177,199	546.91	240	84	324	269	341	987,353
Ayer,	11	435,351	205,239	84,513	571.03	126	23	148	112	176	368,333

Barnstable,	4	22,098	13,458	8,413	467.39	18	-	18	9	32	26,460
Barre,	8	1,872,014	780,665	339,372	476.65	530	183	712	515	847	1,435,103
Becket,	6	450,430	94,636	51,472	504.63	83	19	102	84	130	213,374
Billerica,	6	2,574,153	1,421,338	356,168	508.81	538	162	700	505	958	1,997,190
Braintree,	16	2,482,598	3,491,937	1,276,436	590.40	1,411	751	2,162	1,837	2,439	5,958,316
Bridgewater,	14	2,058,028	4,365,416	1,461,839	638.64	1,731	508	2,289	2,060	2,505	7,144,802
Brookfield,	3	355,078	450,876	109,150	505.33	155	61	216	198	231	739,380
Brookline,	10	600,499	244,028	223,881	674.34	303	29	332	290	360	590,436
Canton,	15	3,071,483	847,645	498,824	575.34	673	194	867	747	1,065	1,932,267
Chelmsford,	11	4,970,883	3,643,923	539,197	465.63	640	518	1,158	786	1,317	3,515,010
Chester,	5	851,865	192,973	53,205	720.20	74	-	74	64	83	353,373
Clinton,	25	9,608,730	4,833,355	1,845,045	440.55	3,460	1,728	4,188	3,897	4,558	7,175,808
Bread and other bakery products,	8	22,350	48,796	12,178	608.90	20	-	20	19	21	91,349
Foundry and machine-shop products,	4	121,352	47,445	51,766	562.67	85	7	92	80	104	128,310
Worsted goods,	4	288,531	213,033	73,990	453.98	75	88	163	159	256	297,280
Other industries,	9	9,176,497	3,924,081	1,707,109	436.27	2,280	1,633	3,913	3,639	4,177	6,658,363
Concord,	8	1,210,428	523,481	196,224	548.14	272	86	358	257	442	876,331
Dalton,	9	1,842,169	940,918	397,186	549.36	361	362	723	521	804	1,913,009
Danvers,	24	1,944,546	3,193,547	658,907	533.59	778	456	1,834	1,056	1,459	3,538,878
Boots and shoes,	4	324,772	257,686	114,584	612.75	107	80	187	162	218	455,815
Other industries,	20	1,719,774	1,985,861	543,623	519.22	671	376	1,047	894	1,241	3,083,063
Dedham,	10	657,041	537,670	160,793	453.94	202	153	355	312	390	746,811
Dearfield,	7	252,705	172,340	209,739	680.97	237	71	308	242	372	457,698
Dighton,	6	493,084	722,982	382,876	567.23	596	79	675	649	714	1,465,071
Douglas,	4	731,094	554,841	236,021	496.64	284	201	485	460	496	1,060,959
Dudley,	9	2,241,180	1,381,091	659,000	484.56	833	477	1,360	1,100	1,533	2,313,758

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

E. FOR 116 TOWNS: BY INDUSTRIES — Continued.

	4	824,607	793,279	216,247	560.23	324	62	386	314	439	1,139,151
Hanover,	6	213,763	66,469	52,965	524.41	69	32	101	59	137	182,836
Hingham,	28	3,787,507	4,189,995	1,283,227	545.82	1,569	782	2,351	1,718	2,912	6,358,337
Kingston,	5	245,901	162,671	79,899	644.35	112	12	124	118	129	274,511
Lee,	13	1,925,681	1,051,541	492,973	557.03	657	228	885	789	987	1,902,595
Leicester,	10	1,539,970	1,051,804	448,725	531.04	520	325	845	772	896	2,085,602
Leominster,	70	5,545,387	5,153,955	2,700,306	559.31	3,980	1,797	6,007	3,831	6,001	10,072,551
Bread and other bakery products,	5	14,075	64,748	15,040	791.58	19	-	19	19	21	112,429
Combs and hairpins,	23	1,549,985	1,399,223	796,245	520.08	1,125	406	1,531	1,150	2,028	2,693,038
Cutlery and tools, not elsewhere specified,	3	16,150	3,031	8,700	790.91	11	-	11	8	15	22,501
Foundry and machine-shop products,	3	31,528	3,990	15,564	819.16	19	-	19	19	20	27,173
Other industries,	36	3,933,649	3,682,963	1,864,757	544.14	2,106	1,321	3,437	2,635	3,917	7,217,411
Lexington,	5	359,210	187,027	46,513	637.16	56	17	73	65	79	343,062
Manchester,	5	67,917	20,852	18,609	744.36	24	1	25	20	33	63,313
Mansfield,	20	2,120,241	1,610,627	482,037	565.11	659	194	853	686	1,057	3,061,653
Marblehead,	22	566,574	743,568	417,905	597.66	499	296	798	669	953	1,370,101
Boots and shoes,	11	407,778	625,890	345,941	494.91	415	284	699	605	828	1,113,404
Other industries,	11	158,596	117,678	71,964	773.81	81	12	93	64	125	256,697
Medway,	10	430,089	528,724	235,960	597.37	242	153	395	280	595	881,548
Merrimac,	7	355,497	222,477	141,855	720.06	188	9	197	146	261	471,117
Methuen,	19	3,394,398	2,676,698	667,720	480.37	613	777	1,390	1,290	1,531	4,067,534
Middleborough,	17	3,081,746	3,711,945	1,094,691	602.47	1,257	560	1,817	1,613	1,968	5,654,850
Milford,	39	2,110,068	2,625,902	1,054,908	616.86	1,185	524	1,709	1,659	2,202	4,459,535
Boots and shoes,	3	728,135	1,560,453	460,446	616.39	508	239	747	660	798	2,333,131
Bread and other bakery products,	7	16,100	39,171	10,186	679.07	15	-	15	15	16	71,736
Monuments and tombstones,	3	21,400	3,987	15,208	950.50	16	-	16	2	32	26,479
Tobacco manufactures,	5	42,821	31,979	27,093	712.97	27	11	38	33	44	82,273
Other industries,	21	1,301,602	989,612	541,275	606.13	619	274	893	549	1,312	1,945,866

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Millbury,	25	\$2,129,177	\$1,446,371	\$528,415	\$555.64	690	261	951	796	1,090	\$2,453,369
Milton,	4	94,017	64,636	32,214	555.41	41	17	58	41	73	171,622
Monson,	7	943,640	737,978	390,372	594.17	451	206	657	404	920	1,342,312
Montague,	16	3,572,661	1,240,190	710,073	567.15	877	375	1,252	1,138	1,373	2,440,050
Natick,	33	1,645,764	9,769,981	748,808	550.59	1,048	318	1,360	1,843	1,473	4,056,768
Boots and shoes,	10	1,226,546	2,479,840	574,681	559.57	878	149	1,027	934	1,089	3,469,742
Other industries,	22	419,218	290,141	174,121	532.89	164	169	333	309	384	587,026
Needham,	19	1,833,461	1,049,376	543,294	643.29	985	568	843	706	946	9,149,137
Hosiery and knit goods,	8	1,561,534	902,804	479,178	655.51	205	526	731	641	800	1,832,389
Other industries,	11	271,927	146,572	63,116	563.54	80	32	112	65	146	316,748
North Andover,	7	1,817,743	1,660,792	655,253	520.04	1,019	241	1,260	1,065	1,457	2,760,717
North Attleborough,	59	6,030,768	9,525,926	1,863,180	659.75	1,990	834	9,324	9,387	3,348	6,933,457
Jewelry,	37	4,235,937	1,487,694	1,249,397	666.35	1,378	497	1,875	1,581	2,206	3,968,810
Other industries,	22	1,794,825	1,038,232	613,723	646.70	612	337	949	806	1,142	2,254,627
North Brookfield,	7	818,257	825,396	207,931	463.10	319	130	449	429	485	1,355,279
North Reading,	5	120,494	103,050	42,434	652.83	61	4	65	61	70	198,334
Northborough,	4	54,330	31,600	22,469	534.96	40	2	42	34	51	77,479
Northbridge,	10	6,019,592	2,167,951	1,953,920	563.25	2,878	591	3,469	3,221	3,893	4,908,572
Norton,	7	1,158,291	364,198	386,130	575.45	443	229	671	547	760	974,262
Norwood,	15	7,790,210	6,468,635	1,410,063	659.52	1,666	472	2,138	1,943	2,323	10,498,300

Orange,	19	2,565,569	962,560	649,544	612.20	876	186	1,061	927	1,156	2,528,446
Oxford,	8	1,181,988	1,149,787	350,834	479.18	495	256	731	676	791	1,897,909
Woolen and worsted goods,	4	523,171	555,708	210,039	478.45	271	168	439	418	470	998,510
Other industries,	4	658,815	594,079	140,245	480.29	224	68	292	257	321	829,399
Palmer,	12	2,797,667	3,143,649	1,326,990	493.86	1,777	910	2,687	2,351	2,835	5,520,001
Peabody,	69	19,404,879	19,645,169	3,375,112	582.02	5,346	453	5,799	5,033	6,695	18,852,564
Boot and shoe cut stock and findings,	7	69,538	80,610	38,096	369.86	37	66	103	92	115	157,253
Carriages and wagons and materials,	3	36,400	11,510	15,846	792.30	20	-	20	17	24	35,348
Leather, tanned, curried, and finished,	36	15,083,454	10,752,880	2,631,816	597.19	4,345	62	4,407	3,786	5,089	14,768,989
Other industries,	23	4,214,887	1,800,169	689,354	543.23	944	325	1,260	1,138	1,467	3,230,974
Pepperell,	8	1,984,707	2,025,741	327,831	549.13	468	129	597	543	656	2,797,821
Plainville,	7	608,660	286,159	297,661	508.92	281	216	497	337	698	959,395
Plymouth,	22	10,443,429	10,662,341	1,376,640	493.86	2,282	569	2,851	2,431	3,373	14,374,254
Randolph,	6	560,711	997,397	301,446	744.31	268	137	405	295	440	1,549,725
Reading,	17	1,251,449	2,431,558	254,008	600.49	299	124	423	351	495	3,073,628
Revere,	5	873,306	312,092	74,980	742.38	96	5	101	88	108	491,131
Rockland,	15	2,634,867	4,079,396	1,236,196	614.41	1,481	591	2,012	1,489	2,556	6,364,138
Boots and shoes,	5	2,129,786	3,276,141	1,131,950	619.57	1,305	522	1,827	1,325	2,153	5,359,360
Other industries,	10	505,081	803,185	104,245	563.49	116	69	185	164	203	1,004,778
Rockport,	11	851,484	371,809	367,873	661.10	558	7	565	420	706	839,950
Rowley,	6	253,221	274,225	72,379	509.71	117	25	142	130	157	411,375
Shelburne,	3	47,041	16,002	24,413	581.26	39	3	42	33	46	63,072
Shirley,	8	1,328,821	791,666	237,458	454.03	303	220	523	461	562	1,425,687
South Hadley,	12	1,688,876	1,046,630	337,420	563.31	401	198	599	468	715	1,731,154
Southbridge,	23	6,490,788	3,930,540	2,354,390	526.24	3,041	1,433	4,474	4,290	4,667	7,638,533
Spencer,	12	1,691,314	2,700,423	782,816	515.69	1,071	447	1,518	1,305	1,626	3,856,133

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Concluded.

E. FOR 118 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
Stoneham,	18	\$1,012,642	\$1,416,681	\$481,334	\$517.01	557	374	931	702	1,096	\$2,163,926
Stoughton,	16	1,921,988	1,782,141	778,482	643.91	855	354	1,209	961	1,388	3,451,295
Swampscott,	3	14,132	12,603	7,079	471.93	9	6	15	10	19	28,454
Templeton,	16	1,680,619	1,313,692	466,468	664.13	777	63	840	712	1,002	2,148,371
Furniture,	7	740,352	328,947	256,728	521.80	472	20	492	418	558	790,631
Other industries,	9	880,267	984,745	208,740	599.85	305	43	348	294	444	1,357,740
Townsend,	6	620,210	266,202	132,463	588.72	222	3	225	192	256	489,488
Uxbridge,	10	2,095,379	1,780,229	562,759	513.00	692	406	1,097	904	1,223	2,778,351
Wakefield,	17	4,735,404	3,013,031	1,251,802	553.65	1,403	858	2,261	2,028	2,463	5,921,258
Walpole,	11	7,431,484	5,851,530	1,406,370	660.89	1,922	206	2,128	1,873	2,417	9,202,042
Ware,	13	1,917,076	2,456,582	1,113,561	459.58	1,278	1,145	2,423	2,003	2,529	3,894,807
Wareham,	9	1,137,064	564,236	383,926	592.48	620	28	648	565	760	1,159,623
Warren,	9	1,509,573	1,060,322	558,587	473.38	725	455	1,180	1,004	1,335	1,993,505
Watertown,	13	9,240,079	7,317,663	2,641,219	587.85	3,077	1,416	4,493	3,881	4,862	15,153,987
Wellesley,	4	654,645	427,009	130,218	551.77	124	112	236	191	277	655,986
West Springfield,	13	6,483,532	2,616,646	1,456,318	700.15	1,669	411	2,080	1,877	2,238	5,310,482
West Stockbridge,	5	145,807	107,975	67,039	572.98	117	-	117	80	140	175,399
Westborough,	10	683,044	691,572	253,288	551.83	166	293	450	303	589	1,312,548

Westfield,	70	7,998,774	4,152,083	2,279,198	690.77	3,203	656	3,953	3,277	4,334	9,464,968
Bread and other bakery products,	5	29,100	55,518	10,866	724.40	15	-	15	13	15	88,620
Tobacco manufactures,	16	283,052	214,226	133,850	539.72	104	144	243	199	285	463,496
Whips,	20	2,332,421	1,233,351	537,397	508.42	718	339	1,057	944	1,148	3,022,163
Other industries,	29	5,354,201	2,652,988	1,597,085	629.27	2,365	173	2,538	2,121	2,886	5,990,687
Westford,	13	1,457,751	1,782,220	389,130	501.46	484	392	776	570	983	2,388,000
Marble and stone work,	10	162,052	21,666	139,375	787.43	177	-	177	46	296	194,346
Other industries,	3	1,295,699	1,760,554	249,755	416.95	307	292	599	524	692	2,193,654
Weymouth,	29	5,540,582	5,170,022	1,390,238	613.27	1,002	616	2,218	1,831	2,580	8,184,508
Boot and shoe cut stock and findings,	5	101,775	176,411	33,114	509.45	51	14	65	52	72	225,765
Boots and shoes,	7	2,487,581	2,998,531	1,016,312	658.66	1,075	468	1,543	1,411	1,664	4,946,509
Boxes, fancy and paper,	3	107,513	72,990	42,469	456.66	41	52	93	83	100	159,659
Bread and other bakery products,	3	14,450	49,327	13,513	711.21	19	-	19	18	22	81,040
Other industries,	11	2,629,063	1,872,763	254,830	511.71	416	82	498	267	722	2,771,535
Whitman,	15	3,152,516	3,893,695	1,445,712	679.06	1,599	530	2,129	1,899	2,327	6,375,255
Williamsburg,	10	411,242	438,497	178,404	508.27	290	61	351	293	408	715,407
Winchendon,	22	2,840,160	1,364,174	645,165	472.30	1,111	255	1,366	1,154	1,535	2,671,826
Winchester,	17	2,433,772	3,581,723	669,364	586.65	1,046	95	1,141	943	1,336	4,897,398
Winthrop,	3	88,590	17,470	9,298	619.87	12	3	15	13	18	38,752
All other towns,	323	57,926,272	37,783,212	12,924,669	525.16	17,314	7,297	24,611	19,101	28,722	62,404,165
Total for the towns,	2,186	\$368,834,935	\$256,187,114	\$96,077,293	\$557.80	123,531	48,712	172,243	144,588	196,577	\$442,019,020

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1913.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	8,466	616,927	\$351,239,796	\$1,658,723,263	\$886,949,837
Individual,	8,528	44,125	17,676,409	115,494,027	53,384,949
Firm,	1,579	55,551	32,646,614	164,734,344	66,379,549
Corporation,	3,274	508,496	296,020,058	1,357,569,603	567,625,789
Other, ¹	24	8,755	4,956,625	20,830,389	9,559,600
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	42.0	7.2	5.0	7.0	7.7
Firm,	18.8	9.0	9.3	9.9	9.5
Corporation,	38.9	82.4	84.3	81.8	81.4
Other, ¹	0.3	1.4	1.4	1.3	1.4
Automobiles, including bodies and parts,	57	4,165	3,462,154	11,265,792	6,246,123
Individual,	15	207	170,750	544,722	332,330
Firm,	9	345	260,215	679,901	442,830
Corporation,	33	3,613	2,971,189	10,041,079	5,470,963
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	26.3	5.0	5.0	4.8	5.3
Firm,	15.8	8.3	7.6	6.0	7.1
Corporation,	57.9	86.7	87.4	89.2	87.6
Boots and shoes, exclusive of cut stock and findings,	453	81,228	59,779,185	216,687,911	85,796,740
Individual,	143	7,906	4,949,283	19,533,291	8,258,428
Firm,	120	14,715	9,364,341	39,577,298	15,976,106
Corporation,	190	58,607	36,456,561	157,557,322	61,472,206
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	31.6	9.7	9.8	9.0	9.6
Firm,	26.5	18.1	18.4	18.3	18.7
Corporation,	41.9	72.2	71.8	72.7	71.7
Boot and shoe cut stock and findings,	375	3,319	4,358,015	53,699,872	11,962,243
Individual,	173	2,482	1,282,369	11,433,007	3,045,122
Firm,	119	2,417	1,239,615	18,974,344	3,664,818
Corporation,	83	3,411	1,836,031	22,602,521	4,372,303
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	46.1	29.9	29.4	21.6	27.5
Firm,	31.7	29.1	28.5	35.8	33.1
Corporation,	22.2	41.0	42.1	42.6	39.4
Bread and other bakery products,	394	6,546	3,962,470	28,331,835	13,134,396
Individual,	620	2,121	1,534,899	9,974,599	4,296,851
Firm,	136	1,134	738,951	5,271,906	2,235,151
Corporation,	48	3,251	1,678,620	13,085,330	6,602,203
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	77.1	32.6	38.8	35.2	32.7
Firm,	16.9	17.4	18.7	18.6	17.0
Corporation,	6.0	50.0	42.5	46.2	50.3
Clothing, men's, including shirts,	219	7,739	4,333,675	21,772,597	10,322,914
Individual,	101	1,686	955,129	3,289,100	1,721,273
Firm,	68	1,892	977,064	4,813,954	2,507,449
Corporation,	50	4,152	2,401,482	13,669,543	6,094,192
Per cent of total,	100.0	100.0	100.0	100.0	100.0
Individual,	46.1	21.8	22.0	15.1	16.7
Firm,	31.1	24.5	22.6	22.1	24.3
Corporation,	22.8	53.7	55.4	62.8	59.0

¹ Voluntary associations and co-operative societies.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	184	6,652	\$3,682,218	\$13,812,249	\$6,539,872
Individual,	73	1,637	843,479	3,649,910	1,811,583
Firm,	72	2,051	1,113,235	5,146,973	2,294,755
Corporation,	39	2,364	1,105,504	5,015,366	2,414,534
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.7	27.0	27.5	26.4	27.8
Firm,	39.1	33.9	36.4	37.3	35.2
Corporation,	21.2	39.1	36.1	36.3	37.0
Confectionery,	121	7,225	2,789,212	29,175,141	7,469,449
Individual,	50	491	239,701	1,323,404	562,586
Firm,	22	210	78,746	605,168	269,248
Corporation,	49	6,524	2,461,765	18,246,569	6,637,606
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.3	6.8	8.6	6.6	7.5
Firm,	18.2	2.9	2.8	3.0	3.6
Corporation,	40.5	90.3	88.6	90.4	88.9
Cotton goods, including cotton small wares,	199	115,837	53,156,512	211,985,239	83,389,708
Individual,	8	483	250,294	1,654,016	548,741
Firm,	13	1,817	778,722	3,139,187	1,086,281
Corporation,	169	113,537	52,127,496	207,192,017	81,745,684
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.2	0.4	0.5	0.8	0.7
Firm,	6.8	1.6	1.4	1.5	1.3
Corporation,	89.0	98.0	98.1	97.7	98.0
Outlery and tools, not elsewhere specified,	187	7,129	4,513,372	13,760,732	9,973,476
Individual,	58	443	294,348	790,783	568,263
Firm,	17	113	66,390	206,440	132,034
Corporation,	62	6,573	4,152,634	12,763,509	9,273,179
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.3	6.2	6.5	5.7	5.7
Firm,	12.4	1.6	1.5	1.5	1.3
Corporation,	45.3	92.2	92.0	92.8	93.0
Electrical machinery, apparatus and supplies,	89	22,437	14,352,758	54,423,691	29,699,198
Individual,	14	363	173,555	882,640	460,371
Firm,	4	27	20,168	192,530	40,346
Corporation,	62	22,047	14,159,035	53,358,521	28,799,481
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	17.5	1.6	1.2	1.6	1.6
Firm,	5.0	0.1	0.1	0.4	0.1
Corporation,	77.5	98.3	98.7	98.0	98.3
Foundry and machine-shop products,¹	763	45,814	31,697,198	99,949,633	56,214,374
Individual,	262	2,987	2,058,415	6,133,958	3,985,039
Firm,	102	1,547	1,065,774	3,278,665	2,046,932
Corporation,	399 ²	41,280	28,482,919	81,536,000	50,182,403
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	34.3	6.5	6.5	6.7	7.1
Firm,	13.4	3.4	3.4	3.6	3.6
Corporation,	52.3 ²	90.1	90.1	89.7	89.3

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; saddlery hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

² Includes three associations, in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	127	8,380	\$4,779,814	\$15,327,462	\$3,632,232
Individual,	42	655	390,952	1,281,300	741,052
Firm,	29	1,181	761,945	2,259,801	1,316,083
Corporation,	56 ¹	6,544	3,626,917	11,786,361	6,626,098
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.1	7.8	8.2	8.4	8.5
Firm,	22.8	15.9	13.8	14.7	15.2
Corporation,	44.1 ¹	75.9	78.0	76.9	76.3
Hosiery and knit goods,	65	10,739	4,812,497	16,632,519	7,894,436
Individual,	16	259	122,583	584,407	249,756
Firm,	7	917	429,076	2,567,255	1,190,943
Corporation,	42	9,563	4,261,798	13,541,848	6,437,727
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	24.6	2.4	2.6	3.5	3.2
Firm,	10.8	8.5	8.9	15.4	15.2
Corporation,	64.6	89.1	88.5	81.1	81.6
Jewelry,	169	7,573	4,797,593	16,526,426	9,761,988
Individual,	42	1,002	649,323	2,114,639	1,232,990
Firm,	50	2,130	1,384,031	4,816,287	2,983,971
Corporation,	68 ¹	4,441	2,764,239	9,595,510	5,485,027
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.3	13.2	13.5	12.8	12.7
Firm,	31.2	28.1	28.9	29.1	30.8
Corporation,	42.5 ¹	58.7	57.6	58.1	56.5
Leather, tanned, curried, and finished,	137	19,321	6,128,324	46,674,470	11,330,657
Individual,	44	1,268	764,208	2,695,630	1,337,437
Firm,	25	1,174	662,736	4,086,475	1,465,703
Corporation,	58	7,879	4,711,440	39,892,365	9,126,917
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	34.6	12.3	12.4	5.8	11.2
Firm,	19.7	11.4	10.8	8.7	12.3
Corporation,	45.7	76.3	76.8	85.5	76.5
Musical instruments, pianos and organs, and materials,	50	4,221	2,732,294	9,269,432	5,291,955
Individual,	13	101	74,433	370,582	185,546
Firm,	4	87	23,948	84,972	58,034
Corporation,	33	4,083	2,684,913	8,763,878	5,047,475
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.0	2.4	2.7	4.0	3.5
Firm,	8.0	0.9	0.8	0.9	1.1
Corporation,	66.0	96.7	96.5	95.1	95.4
Paper and wood pulp,	83	14,352	3,197,449	42,462,330	13,471,566
Individual,	3	17	10,001	44,119	24,609
Firm,	12	1,884	1,187,317	6,973,537	2,659,055
Corporation,	73	12,451	7,000,122	41,385,230	15,787,842
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	3.4	0.1	0.1	0.1	0.1
Firm,	13.6	13.1	14.5	14.4	14.4
Corporation,	83.0	86.8	85.4	85.5	85.5

¹ Includes one association, in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meat packing, including sausage, .	84	3,577	\$2,102,410	\$53,653,143	\$6,499,499
Individual,	46	163	112,756	2,053,467	388,387
Firm,	15	83	62,666	1,408,470	164,983
Corporation,	23	3,331	1,926,988	55,191,206	5,946,129
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	54.8	4.6	5.4	3.5	6.0
Firm,	17.8	2.3	3.0	2.4	2.5
Corporation,	27.4	93.1	91.6	94.1	91.5
Woolen, worsted, and felt goods and wool hats, .	121	50,970	24,650,900	123,673,725	43,310,296
Individual,	23	1,880	997,580	3,787,772	1,705,581
Firm,	21	3,541	1,830,850	9,180,416	3,596,720
Corporation,	137	45,549	21,822,470	110,710,537	43,007,995
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	12.7	3.7	4.1	3.1	3.5
Firm,	11.6	6.9	7.4	7.4	7.5
Corporation,	75.7	89.4	88.5	89.5	89.0

**TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913.**

December	631,310	428,428	197,882	584	584	-	206	206	-	3,753	3,753	81	254	172	82
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Baskets, and Rattan and Willow Ware.	214	223	224	225	218	207	206	200	199	217	221	216
	205	215	217	7	213	200	193	188	187	204	209	203
	9	7	7	6	5	7	12	12	12	13	12	13
Belting, and Hose, Leather.												
Males,	1,215	1,230	1,237	1,228	1,225	1,225	1,210	1,202	1,199	1,199	1,203	1,204
Females,	1,172	1,186	1,193	1,185	1,181	1,182	1,167	1,159	1,156	1,156	1,163	1,161
	43	44	44	43	44	43	43	43	43	43	43	43
Belting and Hose, Woven.												
Males,	169	180	170	161	158	159	175	174	173	173	174	174
Females,	98	103	96	88	90	93	104	103	102	104	102	103
	71	77	74	73	68	66	71	71	71	69	72	71
Bicycles, Motorcycles, and Parts.												
Males,	2,795	2,454	2,928	3,455	3,493	3,128	2,675	2,485	1,786	2,078	2,504	3,110
Females,	2,793	2,450	2,992	3,451	3,492	3,123	2,671	2,483	1,786	2,078	2,504	3,110
	2	4	4	4	1	5	4	2	-	-	-	-
Billiard Tables, and Materials.												
Males,	20	20	20	20	20	20	19	22	23	24	24	24
Females,	20	20	20	20	20	20	19	22	23	24	24	24
	-	-	-	-	-	-	-	-	-	-	-	-
Blacking.												
Males,	517	498	518	543	566	568	533	509	478	464	469	444
Females,	247	225	234	247	252	262	254	247	242	238	240	234
	270	271	284	296	314	306	279	262	236	226	222	210
Bookbinding and Blank-Book Making.												
Males,	2,473	2,445	2,495	2,481	2,493	2,460	2,499	2,507	2,487	2,486	2,453	2,461
Females,	1,270	1,277	1,285	1,260	1,285	1,268	1,267	1,279	1,242	1,284	1,262	1,282
	1,203	1,168	1,210	1,221	1,208	1,192	1,232	1,228	1,185	1,202	1,191	1,179

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	March										December
	8,510	8,519	8,071	8,006	8,176	7,806	7,887	7,844	8,808	8,078	
Boot and Shoe Cut Stock and Findings.											
Males,	5,777	5,903	6,036	6,015	5,634	5,438	5,466	5,434	5,743	5,632	
Females,	2,532	2,617	2,645	2,610	2,541	2,436	2,339	2,390	2,460	2,450	
Boots and Shoes.											
Males,	51,825	54,455	56,907	54,832	79,966	77,114	77,809	78,817	81,908	79,843	
Females,	53,334	54,917	55,435	55,066	83,300	80,536	81,312	81,710	83,457	82,553	
Females,	23,004	20,535	20,772	20,135	27,546	26,378	26,997	27,107	27,531	27,300	
Boots and Shoes, Rubber.											
Males,	7,267	8,065	8,309	8,636	8,480	8,802	8,165	7,468	7,100	7,506	
Females,	4,832	4,994	5,043	5,158	5,064	4,900	4,912	4,836	4,364	4,643	
Females,	3,135	3,391	3,366	3,376	3,366	3,303	3,341	2,926	2,726	2,944	
Bones, Cigar.											
Males,	165	166	168	160	160	166	161	163	167	168	
Females,	83	84	84	81	80	81	83	83	82	83	
Females,	82	81	82	78	79	84	79	81	85	85	
Bones, Fancy and Paper.											
Males,	4,805	4,909	4,934	4,906	4,900	4,856	4,863	4,876	4,807	4,806	
Females,	1,486	1,465	1,484	1,430	1,498	1,472	1,430	1,463	1,457	1,513	
Females,	2,897	2,634	2,850	2,832	2,803	2,793	2,733	2,713	2,730	2,735	
Bones, Wooden Packing.											
Males,	3,747	3,879	3,868	3,809	3,798	3,907	3,876	3,898	3,836	3,768	
Females,	3,396	3,500	3,450	3,435	3,468	3,331	3,351	3,301	3,304	3,392	
Females,	357	379	378	374	364	356	335	331	341	340	

Brass and Bronze Products.		1,955	2,134	2,099	1,925	1,890	1,891	1,969	1,953	1,890	1,916	1,969	1,933	1,923
Males,	.	1,913	2,091	2,055	1,842	1,838	1,849	1,950	1,913	1,848	1,874	1,888	1,890	1,849
Females,	.	42	43	44	43	42	42	39	45	42	42	41	42	43
Bread and Other Bakery Products.		6,508	6,265	6,432	6,578	6,562	6,591	6,715	6,695	6,548	6,533	6,447	6,412	6,379
Males,	.	5,081	4,963	5,001	5,071	5,069	5,136	5,206	5,207	5,164	5,056	5,035	5,022	4,964
Females,	.	1,425	1,392	1,481	1,507	1,453	1,455	1,509	1,488	1,382	1,337	1,412	1,390	1,315
Brick and Tile.		868	261	215	253	809	1,351	1,490	1,518	1,487	1,538	988	488	308
Males,	.	868	261	213	253	809	1,351	1,490	1,518	1,487	1,238	988	488	308
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Brooms.		123	125	120	120	118	114	110	118	119	124	128	127	123
Males,	.	113	116	112	112	110	107	103	109	110	115	119	117	114
Females,	.	9	9	8	8	8	7	8	9	9	9	9	10	9
Brushes.		1,568	1,614	1,647	1,624	1,610	1,557	1,580	1,533	1,453	1,508	1,568	1,585	1,571
Males,	.	771	787	802	766	796	772	759	768	717	757	770	785	773
Females,	.	796	827	845	858	814	785	761	765	736	746	792	800	798
Butter.		43	38	38	38	48	45	47	46	45	44	44	43	43
Males,	.	43	38	38	38	42	45	46	45	44	44	44	43	43
Females,	.	-	-	-	-	-	-	1	1	1	-	-	-	-
Buttons.		804	810	805	788	748	770	793	829	863	859	835	800	754
Males,	.	368	390	380	359	332	332	352	375	398	397	383	367	372
Females,	.	436	430	425	429	416	438	441	454	465	461	452	433	382

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Decem- ber	1,764	1,332	432	63	33	31	6,007	3,129	3,478	73	94	9	883	791	143	1,018	1,017	1
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Cars and General Shop Construction and Repairs by Steam-Railroad Companies.	Males,	6,171	6,854	6,889	6,303	6,815	6,101	6,008	5,887	6,050	6,145	6,129	6,885	6,885
	Females,	20	19	19	19	20	19	20	20	20	20	20	20	20
Chemicals.														
Males,		1,393	1,384	1,373	1,367	1,345	1,483	1,409	1,389	1,405	1,489	1,408	1,430	1,381
Females,		1,296	1,279	1,289	1,283	1,254	1,327	1,310	1,279	1,303	1,325	1,299	1,317	1,276
		97	85	84	84	91	96	99	90	102	104	109	113	105
Cleansing and Polishing Preparations.														
Males,		60	60	61	63	64	68	60	60	57	59	56	55	52
Females,		44	46	44	46	47	48	45	43	43	43	42	42	40
		16	14	17	17	17	20	15	17	14	16	14	13	12
Clocks.														
Males,		295	290	255	267	311	323	320	333	307	312	292	276	250
Females,		259	258	230	241	271	280	279	287	265	271	258	246	227
		36	32	25	26	40	43	41	46	42	41	34	30	23
Cloth, Sponging and Refinishing.														
Males,		53	54	48	45	48	52	53	52	55	58	58	54	53
Females,		53	54	48	45	48	52	53	52	55	58	58	54	53
		-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.														
Males,		5,813	6,003	3,998	4,082	4,600	6,539	6,346	6,138	6,230	6,480	6,808	6,573	6,512
Females,		2,634	2,839	1,539	1,553	1,849	2,914	2,937	2,850	2,951	3,020	3,080	3,057	2,950
		3,179	3,174	2,457	2,539	2,751	3,425	3,409	3,282	3,279	3,440	3,526	3,516	3,362
Clothing, Women's.														
Males,		6,059	5,793	6,152	6,178	6,578	6,572	6,170	5,349	5,909	6,184	6,517	6,515	5,763
Females,		1,425	1,338	1,409	1,443	1,551	1,536	1,432	1,283	1,334	1,496	1,527	1,491	1,296
		4,627	4,455	4,713	4,735	5,027	5,036	4,738	4,066	3,875	4,688	4,790	4,824	4,467

Copper, Tin, and Sheet-Iron Products.														
Males,	2,028	2,594	2,616	2,634	2,580	2,591	2,573	2,615	2,635	2,622	2,718	2,688	2,608	2,608
Females,	2,310	2,274	2,303	2,320	2,260	2,278	2,255	2,308	2,319	2,297	2,380	2,367	2,296	2,296
	318	320	313	314	320	313	318	307	316	325	338	321	314	314
Cordage and Twine.														
Males,	2,637	2,744	2,815	2,786	2,750	2,595	2,565	2,606	2,504	2,566	2,509	2,579	2,619	2,619
Females,	2,121	2,219	2,276	2,247	2,225	2,066	2,063	2,141	2,011	2,045	1,986	2,065	2,099	2,099
	516	525	539	539	525	529	502	465	493	521	523	514	520	520
Cordials and Sirups.														
Males,	61	55	57	59	66	67	71	77	75	64	61	55	57	57
Females,	41	34	36	37	44	45	48	53	50	41	40	29	31	31
	20	21	21	22	22	22	23	24	25	23	21	6	6	6
Corsets.														
Males,	2,977	2,880	2,948	2,938	2,963	3,408	2,925	2,827	3,191	2,901	2,965	2,914	2,840	2,840
Females,	326	316	323	325	321	358	317	308	344	316	324	323	326	326
	2,651	2,544	2,625	2,643	2,642	3,050	2,608	2,519	2,847	2,585	2,641	2,591	2,514	2,514
Cotton Goods.														
Males,	114,980	117,071	117,017	117,868	116,709	113,947	111,856	111,188	109,083	114,874	116,197	117,094	117,070	117,070
Females,	61,687	62,86	62,809	63,403	62,589	61,196	59,690	59,750	58,666	61,678	61,957	62,721	62,890	62,890
	53,273	54,210	54,208	54,265	54,120	52,751	51,966	51,438	50,397	53,196	54,240	54,373	54,180	54,180
Cotton Small Wares.														
Males,	877	887	883	898	901	903	900	788	887	865	872	873	866	866
Females,	369	377	373	367	375	378	377	349	379	359	360	354	366	366
	508	510	510	531	526	525	523	437	508	506	512	519	500	500
Cutlery and Tools, not elsewhere Specified.														
Males,	7,189	7,005	7,070	7,191	7,909	7,187	7,901	7,087	7,107	7,217	7,089	7,141	7,014	7,014
Females,	6,237	6,205	6,240	6,288	6,279	6,277	6,281	6,158	6,220	6,213	6,176	6,202	6,168	6,168
	892	798	830	903	930	850	920	869	887	1,004	923	939	846	846

TABLE III. WAGE-EARNERS — Continued
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Indus- try	20	13	2	65	40	25	19,874	19,066	2,308	101	99	2	80,584	16,300	4,034
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Electroplating.		953	940	937	930	949	953	953	948	945	955	973	970	953
Males,	.	232	223	219	241	231	240	233	231	226	235	247	247	232
Females,	.	20	18	18	19	18	18	19	17	19	20	26	23	21
Emery and Other Abrasive Wheels.		1,123	1,139	1,159	1,184	1,188	1,173	1,161	1,118	1,139	1,088	1,084	1,034	1,080
Males,	.	1,088	1,108	1,127	1,156	1,159	1,142	1,129	1,076	1,099	1,057	1,046	994	981
Females,	.	35	31	32	28	27	31	32	36	40	39	38	40	39
Enameling and Japanning.		133	137	138	138	140	122	123	136	136	134	131	134	133
Males,	.	88	88	93	95	97	79	79	87	89	87	85	85	81
Females,	.	45	49	45	43	43	43	44	49	43	47	46	49	51
Engraving and Dieinking.		177	180	177	175	181	173	171	170	166	174	182	180	182
Males,	.	138	144	144	141	142	136	133	130	127	135	134	136	139
Females,	.	39	36	33	34	39	37	38	40	39	39	48	44	43
Envelopes.		2,069	2,073	2,061	2,065	2,078	2,076	2,073	2,009	1,984	2,073	2,006	2,118	2,116
Males,	.	730	708	716	730	734	731	749	730	742	730	732	740	744
Females,	.	1,339	1,365	1,345	1,365	1,344	1,345	1,324	1,279	1,242	1,343	1,364	1,378	1,372
Fancy Articles, not elsewhere Specified.		503	404	441	487	455	489	508	476	470	577	599	604	511
Males,	.	281	262	278	291	253	267	270	265	255	291	301	322	296
Females,	.	221	142	163	196	202	222	236	211	215	286	298	282	213
Felt Goods.		810	792	785	786	758	763	765	768	760	825	834	839	925
Males,	.	679	666	651	660	642	634	644	639	639	684	736	753	777
Females,	.	131	126	134	126	116	119	121	129	121	141	148	146	148

Furnishing Goods, Men's.		404	388	375	410	401	408	398	388	388	415	441	473	470
Males,	.	66	60	57	64	65	70	72	70	67	68	68	71	70
Females,	.	338	266	318	345	336	336	326	292	319	347	373	402	400
Furniture.		8,952	7,873	8,178	8,572	8,145	7,983	8,340	7,819	7,908	8,475	8,333	8,436	8,814
Males,	.	7,539	7,174	7,459	7,929	7,439	7,260	7,625	7,155	7,257	7,801	7,601	7,671	8,074
Females,	.	713	699	719	743	716	723	715	664	651	674	731	765	740
Galvanizing.		14	11	13	14	13	14	14	13	13	13	14	15	13
Males,	.	14	11	13	14	13	14	14	13	13	13	14	15	13
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.		133	133	139	133	136	124	123	125	126	137	143	147	160
Males,	.	130	135	136	119	123	122	121	124	126	135	140	143	147
Females,	.	3	3	3	3	3	2	2	1	1	2	3	4	3
Glass Cutting, Staining, and Ornamenting.		236	235	235	237	237	205	194	197	215	234	240	244	235
Males,	.	219	226	216	223	223	197	187	189	206	225	231	235	226
Females,	.	9	9	9	9	9	8	7	8	9	9	9	9	9
Glue.		543	600	608	594	590	569	516	456	451	481	534	556	575
Males,	.	423	464	462	456	446	432	397	374	362	393	423	431	444
Females,	.	119	136	140	138	144	137	119	82	89	88	111	125	131
Gold and Silver, Leaf and Foll.		122	108	111	111	123	123	121	117	114	122	129	131	131
Males,	.	63	53	55	55	65	66	63	63	58	65	67	68	67
Females,	.	59	55	56	56	63	62	58	54	56	57	62	63	64

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Gold and Silver, Reducing and Refining, not from the Ore.	107	109	108	106	106	108	108	107	108	107	107	107	105
Males,	87	89	88	87	86	88	88	88	88	87	88	89	87
Females,	20	20	20	19	22	20	20	19	20	20	19	18	18
Grease and Tallow.	687	681	674	684	686	696	696	696	695	695	683	690	690
Males,	671	665	663	671	671	675	675	677	678	674	665	675	676
Females,	16	16	11	13	15	21	21	19	17	21	18	15	14
Hand-Knit Goods.	8	13	10	8	6	4	4	4	5	7	8	11	10
Males,	4	4	4	3	3	3	3	3	4	4	4	5	4
Females,	4	9	6	5	3	1	1	1	1	3	4	6	6
Hand Stamps and Stencils and Brands.	113	115	113	110	103	108	110	115	113	110	115	121	119
Males,	91	95	94	88	82	88	89	91	91	87	94	96	95
Females,	22	20	19	22	21	20	21	24	22	23	21	25	24
Hardware.	1,679	1,725	1,771	1,759	1,745	1,703	1,668	1,630	1,598	1,584	1,663	1,671	1,651
Males,	1,553	1,615	1,645	1,630	1,616	1,570	1,535	1,496	1,467	1,456	1,532	1,541	1,538
Females,	126	110	126	123	129	133	133	134	125	128	131	130	113

Hats and Caps, Other than Felt, Straw, and Wool.		285	283	288	286	294	306	298	284	295	313	322	299	276
Males,	.	184	187	189	192	191	192	190	191	194	203	210	194	183
Females,	.	99	101	104	102	103	114	108	103	99	110	112	105	93
Hats, Felt.		1,418	1,412	1,571	1,310	1,380	1,340	1,357	1,380	1,407	1,513	1,498	1,215	1,154
Males,	.	788	789	799	766	879	822	842	879	959	962	930	707	649
Females,	.	630	623	572	544	501	518	515	501	538	551	568	508	485
Hats, Straw.		2,711	4,423	4,380	3,832	1,148	2,273	1,477	1,148	1,694	1,851	1,839	2,254	2,950
Males,	.	1,040	1,453	1,453	1,289	665	888	709	665	900	943	860	891	1,023
Females,	.	1,671	2,970	2,927	2,593	483	1,385	768	483	794	908	979	1,363	1,927
Hosiery and Knit Goods.		10,739	10,764	10,883	10,825	10,255	9,950	10,391	10,255	10,795	10,890	11,186	11,168	10,884
Males,	.	2,932	2,998	3,036	3,006	2,771	2,549	2,772	2,771	2,985	3,000	3,071	3,061	2,969
Females,	.	7,807	7,766	7,847	7,819	7,484	7,401	7,619	7,484	7,810	7,990	8,115	8,107	7,915
House-Furnishing Goods, not Elsewhere Specified.		811	888	879	859	793	897	824	793	757	738	754	762	734
Males,	.	583	672	662	637	572	659	587	572	537	506	509	524	523
Females,	.	228	216	217	222	221	238	237	221	220	232	245	238	211
Instruments, Professional and Scientific.		597	604	613	623	552	626	684	552	584	558	551	566	593
Males,	.	528	541	544	554	508	551	590	508	493	491	492	487	525
Females,	.	69	67	69	74	54	75	74	54	71	67	59	79	68
Iron and Steel, Steel Works and Rolling Mills.		3,194	3,505	3,428	3,514	3,191	3,307	3,249	3,191	3,136	3,164	3,103	3,905	2,700
Males,	.	3,056	3,354	3,289	3,176	3,035	3,157	3,095	3,035	2,991	3,018	2,971	2,797	2,612
Females,	.	138	151	149	138	156	150	154	156	145	146	132	108	88

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Novem- ber	Decem- ber
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.	1,418	1,418	1,394	1,385
Males,	978	966	965	963
Females,	424	446	409	402
Iron and Steel Forgings.	657	665	608	602
Males,	657	665	608	602
Females,	-	-	-	-
Iron and Steel Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.	1,457	1,410	1,306	1,338
Males,	940	920	1,008	1,015
Females,	287	290	298	323
Ivory, Shell, and Bone Work, not includ- ing Combs and Hairpins.	74	91	79	54
Males,	61	74	63	44
Females,	13	17	16	10

Jewelry.		7,573	7,955	7,719	7,484	7,079	7,430	7,407	7,177	7,345	7,834	7,957	7,681	7,677
Males,	.	5,052	5,330	5,130	4,953	4,705	4,960	4,939	4,758	4,855	5,232	5,320	5,168	5,146
Females,	.	2,521	2,625	2,589	2,531	2,374	2,470	2,528	2,419	2,490	2,602	2,637	2,513	2,531
Jewelry and Instrument Cases.		862	860	864	861	870	869	864	853	856	879	867	851	847
Males,	.	90	86	89	89	90	91	92	87	86	88	90	89	92
Females,	.	172	174	175	172	180	178	172	166	170	191	177	162	155
Kaolin and Ground Earths.		76	71	75	75	74	78	79	76	72	71	80	82	80
Males,	.	76	71	75	75	74	78	79	76	72	71	80	82	80
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Labels and Tags.		21	20	21	20	20	19	20	21	20	22	22	23	22
Males,	.	17	16	16	16	16	15	16	17	16	18	18	19	18
Females,	.	4	4	5	4	4	4	4	4	4	4	4	4	4
Lamps and Reflectors.		423	460	464	470	463	456	396	389	412	406	495	401	403
Males,	.	396	431	434	439	432	425	357	360	382	373	391	368	365
Females,	.	32	29	30	31	31	31	29	29	30	33	34	33	38
Lasts.		937	984	963	990	922	852	886	931	953	893	901	996	1,002
Males,	.	934	982	965	918	920	851	883	923	942	890	900	995	1,002
Females,	.	3	2	3	2	2	1	3	8	11	3	1	1	-
Leather Goods, not Elsewhere Specified.		603	533	540	559	585	612	594	575	622	653	682	679	659
Males,	.	286	266	261	263	273	296	288	279	295	300	305	308	314
Females,	.	317	267	279	296	312	316	306	296	327	353	357	371	345

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.		Average Number Em- ployed	January	Decem- ber
Leather, Tanned, Curried, and Finished.		10,331	11,930	10,940
Males,		10,164	11,109	10,778
Females,		167	180	162
Lime.		445	537	411
Males,		445	537	411
Females,		-	-	-
Linon Goods.		1,760	1,833	1,565
Males,		750	796	706
Females,		1,000	1,036	879
Liquors, Distilled.		73	60	73
Males,		73	60	73
Females,		-	-	-
Liquors, Malt.		1,968	1,913	1,943
Males,		1,974	1,905	1,941
Females,		0	8	7

Looking-Glass and Picture Frames.		805	811	810	109	106	189	187	187	184	198	818	827	835
Males,	.	190	196	195	184	181	173	174	173	172	186	203	211	219
Females,	.	15	15	15	15	15	16	13	14	12	12	15	16	16
Lumber and Timber Products.		608	738	678	615	659	638	618	444	413	544	618	657	618
Males,	.	600	730	669	607	650	652	609	437	404	536	611	650	608
Females,	.	8	8	9	8	9	10	9	7	9	8	7	7	10
Lumber, Planing-Mill Products.		3,231	3,128	3,115	3,120	3,238	3,291	3,318	3,345	3,363	3,368	3,241	3,157	3,052
Males,	.	3,226	3,123	3,110	3,115	3,233	3,285	3,313	3,340	3,358	3,363	3,236	3,152	3,047
Females,	.	5	5	5	5	5	6	5	5	5	5	5	5	5
Marble and Stone Work.		3,435	2,608	2,453	2,743	3,284	3,658	3,865	4,031	4,099	3,784	3,682	3,642	3,354
Males,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.		720	641	680	715	733	778	794	770	718	735	715	693	648
Males,	.	559	495	531	555	582	624	626	599	555	565	548	527	504
Females,	.	161	146	149	160	151	154	168	171	163	170	167	166	144
Millinery and Lace Goods.		1,689	1,802	2,043	2,065	1,913	1,552	1,472	1,418	1,449	1,567	1,591	1,619	1,649
Males,	.	292	310	319	326	307	244	238	263	300	312	277	271	303
Females,	.	1,397	1,552	1,724	1,767	1,606	1,308	1,234	1,155	1,149	1,255	1,314	1,348	1,346
Mineral and Soda Waters.		453	288	322	371	454	523	615	688	624	471	368	320	319
Males,	.	448	284	318	367	451	519	610	681	617	466	363	315	314
Females,	.	5	4	4	4	3	4	5	7	7	5	5	5	5

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Mirrors.													
Males,	91	93	94	94	93	90	89	90	90	88	91	94	95
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Models and Patterns, not including Paper Patterns.													
Males,	419	420	440	418	416	416	468	457	468	408	387	376	375
Females,	401	406	427	405	402	399	439	428	438	392	372	361	360
	18	14	13	13	14	17	27	29	28	16	15	15	15
Monuments and Tombstones.													
Males,	1,245	1,101	1,125	1,109	1,303	1,348	1,357	1,331	1,307	1,391	1,367	1,158	1,057
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
	1,245	1,101	1,125	1,199	1,306	1,348	1,357	1,331	1,307	1,291	1,267	1,158	1,057
Mucilage and Paste.													
Males,	97	90	95	92	96	95	96	92	94	96	100	102	100
Females,	73	79	76	73	73	72	73	68	70	70	73	75	74
	24	20	19	19	23	23	23	24	24	26	27	27	26
Musical Instruments and Materials, not Specified.													
Males,	148	154	154	156	155	169	152	136	138	141	144	144	144
Females,	129	134	134	135	134	135	132	117	119	121	125	125	125
	10	20	20	21	21	21	20	19	19	20	19	19	19

Musical Instruments, Pianos and Organs, and Materials.		4,221	4,088	4,177	4,281	4,322	4,219	4,223	4,040	4,172	4,310	4,300	4,354	4,265
Males,		3,944	3,819	3,903	3,983	3,932	3,927	3,932	3,774	3,897	4,030	4,022	4,085	3,998
Females,		277	249	274	278	290	292	291	266	275	280	278	269	267
Oil, not elsewhere Specified.		310	308	301	311	305	310	312	314	306	306	309	314	310
Males,		301	300	293	303	298	302	303	306	299	298	290	302	298
Females,		9	8	8	8	7	8	9	8	7	8	10	12	12
Optical Goods.		2,601	2,491	2,595	2,616	2,583	2,602	2,528	2,493	2,618	2,657	2,668	2,651	2,701
Males,		1,862	1,782	1,861	1,889	1,833	1,827	1,810	1,798	1,896	1,895	1,912	1,897	1,936
Females,		739	709	734	727	753	775	718	695	722	762	756	754	765
Paints and Varnishes.		569	544	550	564	574	572	575	572	567	565	579	567	568
Males,		532	505	511	523	532	536	542	538	535	532	537	528	531
Females,		37	39	39	41	42	36	33	34	32	33	42	39	37
Paper and Wood Pulp.		14,352	14,311	14,306	14,410	14,588	14,545	14,530	13,986	14,168	14,181	14,289	14,450	14,425
Males,		9,889	9,787	9,780	9,860	10,009	9,956	9,916	9,737	9,868	9,880	9,921	9,994	9,936
Females,		4,463	4,524	4,526	4,550	4,579	4,589	4,614	4,249	4,300	4,301	4,368	4,456	4,489
Paper Goods, not elsewhere Specified.		4,264	4,076	4,187	4,147	4,173	4,182	4,323	4,408	4,229	4,321	4,320	4,330	4,331
Males,		2,347	2,283	2,322	2,350	2,345	2,337	2,331	2,336	2,306	2,356	2,356	2,399	2,450
Females,		1,917	1,793	1,865	1,817	1,828	1,845	1,992	2,072	1,993	1,965	1,964	1,931	1,981
Patent Medicines and Compounds and Druggists' Preparations.		1,495	1,490	1,485	1,425	1,453	1,428	1,348	1,287	1,380	1,529	1,681	1,747	1,709
Males,		667	659	669	661	658	655	635	611	637	676	719	722	727
Females,		828	831	816	764	775	773	713	676	743	853	962	1,025	982

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TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Shirts.	1,917	1,963	1,963	1,979	1,979	1,970	1,990	1,844	1,466	1,898	1,981	2,047	2,011
Males,	436	407	421	435	441	445	448	438	349	446	459	470	474
Females,	1,481	1,556	1,542	1,544	1,538	1,525	1,482	1,406	1,116	1,450	1,502	1,577	1,537
Shoddy.	486	510	512	533	500	489	474	444	461	468	471	484	462
Males,	431	458	458	474	446	442	424	388	403	414	411	424	402
Females,	55	52	54	59	54	57	50	56	58	54	60	60	60
Show Cases.	83	88	83	88	89	91	82	75	76	81	88	78	78
Males,	83	88	83	88	89	91	82	75	76	81	88	78	78
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.	159	161	154	154	145	150	153	163	152	159	168	176	168
Males,	110	111	106	110	105	107	108	114	106	108	115	116	109
Females,	49	50	48	44	40	43	45	49	46	51	53	60	59
Silk and Silk Goods, Including Throwsters.	4,467	4,696	4,674	4,695	4,428	4,347	4,284	4,208	4,379	4,406	4,578	4,597	4,546
Males,	1,374	1,460	1,467	1,433	1,340	1,316	1,328	1,305	1,370	1,338	1,392	1,390	1,359
Females,	3,093	3,176	3,207	3,203	3,088	2,931	2,956	2,901	3,009	3,068	3,186	3,207	3,187
Silverware and Plated Ware.	2,744	2,501	2,659	2,728	2,717	2,672	2,675	2,901	2,785	2,953	3,004	3,009	2,858
Males,	2,321	2,231	2,280	2,339	2,317	2,273	2,273	1,969	2,375	2,444	2,492	2,492	2,377
Females,	423	360	379	389	400	399	402	342	410	489	512	517	475

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Tobacco Manufactures.		4,151	3,798	4,009	4,042	4,151	4,168	4,239	4,331	4,290	4,229	4,257	4,263	4,211
Males,	.	2,977	2,646	2,803	2,829	2,920	2,986	3,047	3,069	3,067	3,072	3,088	3,085	3,050
Females,	.	1,174	1,152	1,206	1,213	1,211	1,182	1,182	1,162	1,153	1,157	1,169	1,178	1,152
Toys and Games.		1,246	849	942	1,036	1,084	1,160	1,205	1,540	1,511	1,529	1,555	1,490	1,037
Males,	.	827	612	656	699	735	751	844	971	938	987	999	949	787
Females,	.	419	237	286	337	349	409	461	569	573	542	556	471	250
Trunks and Valises.		451	331	335	451	493	509	512	539	474	474	450	427	353
Males,	.	337	260	292	333	364	371	376	398	360	353	331	319	272
Females,	.	114	71	93	118	129	138	136	131	114	121	119	108	86
Type Founding and Printing Materials.		108	121	119	118	117	107	105	101	98	99	101	108	108
Males,	.	86	95	96	94	93	84	82	82	79	80	82	85	85
Females,	.	22	26	23	24	24	23	21	19	19	19	19	23	23
Upholstering Materials.		123	131	126	137	121	118	118	140	121	124	114	115	122
Males,	.	119	128	123	133	117	114	112	135	117	119	110	111	116
Females,	.	4	3	3	4	4	4	6	5	4	5	4	4	6
Vinegar and Cider.		32	23	23	21	22	24	22	26	28	42	58	54	30
Males,	.	32	23	22	21	22	24	22	26	28	42	58	54	30
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.		641	698	624	688	658	628	610	609	588	617	639	651	682
Males,	.	385	409	349	411	413	395	379	375	353	374	386	395	390
Females,	.	256	289	275	277	245	233	231	234	235	243	253	256	292

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Concluded.

INDUSTRIES AND SEX.	Average Number Em- ployed	Decem- ber
Watch and Clock Materials.	170	172
Males,	60	63
Females,	110	109
Whips.	1,123	1,080
Males,	794	784
Females,	339	316
Window Shades and Fixtures.	57	55
Males,	50	48
Females,	7	7
Wire.	2,264	2,067
Males,	3,172	2,500
Females,	92	76
Wirework, Including Wire Rope and Cable.	2,545	2,524
Males,	2,068	2,045
Females,	488	479
Wood, Turned and Carved.	1,300	1,267
Males,	1,277	1,245
Females,	23	22

Wooden Goods, not elsewhere Specified.		\$70	\$76	\$84	\$73	\$75	\$79	\$83	\$67	\$38	\$56	\$75	\$76	\$86
Males,	.	240	242	230	239	240	244	250	236	230	224	241	242	242
Females,	.	30	34	34	34	35	35	33	31	6	32	34	34	24
Wool Scouring.		608	646	651	658	481	449	459	574	624	665	697	698	695
Males,	.	577	615	614	627	454	416	431	544	595	635	665	666	663
Females,	.	31	31	37	31	27	33	28	30	29	30	32	32	32
Woolen and Worsted Goods.		49,709	54,976	54,535	58,603	50,391	47,493	45,638	40,417	47,986	50,693	50,390	50,390	51,101
Males,	.	29,638	32,657	32,422	31,385	29,929	28,133	27,153	24,408	28,775	30,341	30,040	30,009	30,464
Females,	.	20,071	22,319	22,113	21,218	20,462	19,360	18,485	16,009	19,151	20,352	20,340	20,381	20,637
Other Industries.		25,857	25,741	26,028	26,148	26,076	25,898	25,851	25,883	25,454	25,329	25,775	26,038	26,135
Males,	.	19,727	19,647	19,876	20,002	19,932	19,784	19,871	19,961	19,483	19,167	19,449	19,703	19,848
Females,	.	6,130	6,094	6,152	6,146	6,144	6,102	5,980	5,872	5,971	6,162	6,326	6,335	6,287

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggregates
	Males	Females	Total	Males	Females	Total	
THE STATE.	399,435	179,111	569,546	24,821	27,993	52,814	622,360
Agricultural implements, . . .	500	—	500	16	—	16	516
Artificial stone, . . .	204	—	204	3	—	3	207
Automobiles, including bodies and parts, . . .	3,387	27	3,414	68	—	68	3,482
Awnings, tents, and sails, . . .	170	86	256	5	2	7	263
Baskets, and rattan and willow-ware, . . .	197	7	204	8	6	14	218
Belting and hose, leather, . . .	1,082	34	1,116	81	9	90	1,206
Belting and hose, woven, . . .	95	61	156	9	11	20	176
Bicycles, motorcycles, and parts, . . .	3,039	—	3,039	70	—	70	3,109
Billiard tables and materials, . . .	24	—	24	—	—	—	24
Blacking, . . .	223	187	410	9	24	33	443
Bookbinding and blank-book making, . . .	1,168	1,053	2,221	126	149	275	2,496
Boot and shoe cut stock and findings, . . .	5,966	2,526	8,492	469	288	757	9,249
Boots and shoes, . . .	51,848	25,952	77,800	3,326	3,348	6,674	84,474
Boots and shoes, rubber, . . .	4,806	3,005	7,811	191	158	349	8,160
Boxes, cigar, . . .	71	61	132	12	27	39	171
Boxes, fancy and paper, . . .	1,413	2,308	3,721	121	599	720	4,441
Boxes, wooden packing, . . .	3,215	287	3,502	136	54	190	3,692
Brass and bronze products, . . .	1,783	38	1,821	17	5	22	1,843
Bread and other bakery products, . . .	4,789	950	5,739	162	341	503	6,242
Brick and tile, . . .	430	—	430	2	—	2	432
Brooms, . . .	101	9	110	15	1	16	126
Brushes, . . .	713	666	1,379	61	141	202	1,581
Butter, . . .	44	—	44	—	—	—	44
Buttons, . . .	309	326	635	64	90	154	789
Canning and preserving, . . .	1,278	419	1,697	32	14	46	1,743
Card cutting and designing, . . .	31	27	58	3	6	9	67
Carpets and rugs, other than rag, . . .	2,749	1,949	4,698	451	438	889	5,587
Carpets, rag, . . .	64	9	73	6	—	6	79
Carriages and sleds, children's, . . .	780	139	919	35	10	45	964
Carriages and wagons and materials, . . .	1,014	1	1,015	16	—	16	1,031
Cars and general shop construction and repairs by steam railroad companies, . . .	6,245	20	6,265	97	—	97	6,362
Chemicals, . . .	1,242	88	1,330	31	26	57	1,387
Cleansing and polishing preparations, . . .	37	9	46	4	2	6	52
Clocks, . . .	219	21	240	10	—	10	250
Cloth, sponging and refinishing, . . .	53	—	53	—	—	—	53
Clothing, men's, . . .	2,915	3,243	6,158	73	193	266	6,424
Clothing, women's, . . .	1,385	4,043	5,428	73	321	394	5,822
Coffee and spice, roasting and grinding, . . .	241	153	394	4	8	12	406
Coffins, burial cases, and undertakers' goods, . . .	299	40	339	17	3	20	359
Combs and hairpins, . . .	1,349	422	1,771	186	154	340	2,111
Confectionery, . . .	1,892	4,356	6,248	179	1,735	1,914	8,162
Cooperage, . . .	734	13	747	75	—	75	822
Copper, tin, and sheet-iron products, . . .	2,106	266	2,372	151	51	202	2,574
Cordage and twine, . . .	2,209	425	2,634	112	98	210	2,844
Cordials and sirups, . . .	28	6	34	1	—	1	35
Corsets, . . .	292	2,097	2,389	40	458	498	2,887
Cotton goods, . . .	57,080	46,999	104,079	6,183	7,175	13,358	117,437

TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggregates
	Males	Females	Total	Males	Females	Total	
The State — Con.							
Cotton small wares,	313	404	717	38	99	137	854
Cutlery and tools, not elsewhere specified,	5,842	755	6,597	356	148	504	7,101
Dairymen's, poulterers', and apirists' supplies,	15	2	17	2	—	2	19
Dentists' materials,	30	21	51	9	5	14	65
Dyeing and finishing textiles,	9,426	1,814	11,240	577	445	1,022	12,262
Dyestuffs and extracts,	93	1	94	4	1	5	99
Electrical machinery, apparatus, and supplies,	15,881	3,176	19,057	825	897	1,722	20,779
Electroplating,	214	13	227	20	6	26	253
Emery and other abrasive wheels,	954	35	989	26	4	30	1,019
Enameling and japanning,	70	41	111	7	6	13	124
Engraving and diesinking,	114	27	141	19	16	35	176
Envelopes,	674	1,109	1,783	72	298	370	2,153
Fancy articles, not elsewhere specified,	279	180	459	21	27	48	507
Felt goods,	775	122	897	25	12	37	934
Firearms,	2,264	41	2,305	119	2	121	2,426
Flavoring extracts,	38	51	89	5	9	14	103
Flour-mill and gristmill products,	157	4	161	—	—	—	161
Food preparations,	270	95	365	12	19	31	396
Foundry and machine-shop products,	34,846	477	35,323	1,260	86	1,346	36,669
Fur goods,	100	92	192	6	8	14	206
Furnishing goods, men's,	63	346	409	7	61	68	477
Furniture,	7,213	671	7,884	370	104	474	8,358
Galvanizing,	14	—	14	—	—	—	14
Gas and electric fixtures,	132	3	135	13	—	13	148
Glass, cutting, staining, and ornamenting,	216	9	225	17	—	17	242
Glue,	464	141	605	5	13	18	623
Gold and silver, leaf and foil,	64	57	121	9	10	19	140
Gold and silver, reducing and refining, not from the ore,	83	18	101	3	—	3	104
Grease and tallow,	665	9	674	1	1	2	676
Hand-knit goods,	4	7	11	—	—	—	11
Hand stamps and stencils and brands,	76	21	97	15	7	22	119
Hardware,	1,334	85	1,419	170	25	195	1,614
Hats and caps, other than felt, straw and wool,	174	85	259	11	13	24	283
Hats, felt,	647	465	1,112	9	24	33	1,145
Hats, straw,	852	1,503	2,355	28	45	73	2,428
Hosiery and knit goods,	2,671	6,758	9,429	342	1,264	1,606	11,035
House-furnishing goods, not elsewhere specified,	462	179	641	58	24	82	723
Instruments, professional and scientific,	464	68	532	10	1	11	543
Iron and steel, steel works and rolling mills,	2,974	70	3,044	7	—	7	3,051
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	967	320	1,287	32	68	100	1,387
Iron and steel forgings,	524	—	524	15	—	15	539
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	943	278	1,221	47	39	86	1,307
Ivory, shell, and bone work, not including combs and hairpins,	44	8	52	—	2	2	54

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY
 AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Jewelry,	4,833	2,225	7,058	374	341	715	7,773
Jewelry and instrument cases,	81	139	220	14	20	34	254
Kaolin and ground earths,	80	—	80	1	—	1	81
Labels and tags,	14	3	17	3	1	4	21
Lamps and reflectors,	352	35	387	38	3	41	428
Leads,	950	1	951	52	—	52	1,003
Leather goods, not elsewhere speci- fied,	277	346	623	29	39	68	691
Leather, tanned, curried, and fin- ished,	10,532	145	10,677	204	21	225	10,902
Lime,	410	—	410	1	—	1	411
Linen goods,	597	685	1,282	139	261	400	1,682
Liquors, distilled,	77	—	77	1	—	1	78
Liquors, malt,	1,941	7	1,948	—	—	—	1,948
Looking-glass and picture frames,	204	16	220	15	—	15	235
Lumber and timber products,	627	10	637	4	—	4	641
Lumber, planing-mill products,	2,986	4	2,990	64	—	64	3,054
Marble and stone work,	3,378	—	3,378	42	—	42	3,420
Mattresses and spring beds,	470	133	603	39	25	64	667
Millinery and lace goods,	223	1,147	1,370	27	157	184	1,554
Mineral and soda waters,	309	5	314	4	—	4	318
Mirrors,	92	—	92	4	—	4	96
Models and patterns, not including paper patterns,	337	14	351	21	1	22	373
Monuments and tombstones,	1,062	—	1,062	24	—	24	1,086
Mucilage and paste,	74	23	97	5	—	5	102
Musical instruments and materials, not specified,	117	17	134	7	1	8	142
Musical instruments, pianos and organs and materials,	3,658	189	3,847	335	78	413	4,260
Oil, not elsewhere specified,	299	12	311	3	—	3	314
Optical goods,	1,802	642	2,444	116	140	256	2,700
Paints and varnishes,	524	32	556	14	6	20	576
Paper and wood pulp,	9,900	4,004	13,904	271	338	609	14,513
Paper goods, not elsewhere speci- fied,	2,232	1,546	3,778	187	435	622	4,400
Patent medicines and compounds and druggists' preparations,	655	819	1,474	65	154	219	1,693
Photo-engraving,	257	23	280	23	10	33	313
Plumbers' supplies,	609	30	639	33	9	42	681
Pocketbooks,	135	256	391	18	40	58	449
Pottery, terra-cotta, and fire-clay products,	500	40	540	42	2	44	584
Printing and publishing,	4,160	1,901	6,061	417	191	608	6,669
Refrigerators,	148	—	148	3	—	3	151
Regalia and society badges and emblems,	5	26	31	1	—	1	32
Rubber goods, not elsewhere speci- fied,	4,357	667	5,024	243	213	456	5,480
Saddlery and harness,	239	8	247	5	—	5	252
Sausage, not made in slaughtering and meat-packing establish- ments,	425	3	428	3	—	3	431
Scales and balances,	18	1	19	—	—	—	19
Screws, machine,	448	17	465	57	12	69	534
Shipbuilding, wooden, including boat building,	523	—	523	7	—	7	530
Shirts,	465	1,399	1,864	23	130	153	2,017

TABLE IV. WAGE-EARNERS — Concluded.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY
AGE AND SEX — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Shoddy,	410	60	470	3	—	3	473
Show cases,	71	—	71	2	—	2	73
Signs and advertising novelties, . .	105	48	153	7	6	13	166
Silk and silk goods, including throwsters,	1,180	2,626	3,806	189	588	777	4,583
Silverware and plated ware, . . .	2,327	391	2,718	118	83	201	2,919
Slaughtering and meat packing, .	3,318	27	3,345	62	3	65	3,410
Soap,	348	99	447	14	43	57	504
Sporting and athletic goods, . . .	857	281	1,138	76	74	150	1,288
Stationery goods, not elsewhere specified,	606	777	1,383	69	235	304	1,687
Statuary and art goods,	110	—	110	1	—	1	111
Steam fittings and heating appa- ratus,	3,201	99	3,300	91	8	99	3,399
Steam packing,	85	1	86	2	—	2	88
Stereotyping and electrotyping, . .	240	19	259	20	3	23	282
Stoves and furnaces, not including gas and oil stoves,	1,618	7	1,625	19	—	19	1,644
Structural ironwork,	1,574	—	1,574	18	—	18	1,592
Surgical appliances,	141	69	210	11	15	26	236
Suspenders, garters, and elastic woven goods,	974	1,807	2,781	74	388	462	3,243
Tobacco manufactures,	2,985	1,085	4,070	84	70	154	4,224
Toys and games,	769	261	1,030	66	55	121	1,151
Trunks and valises,	255	64	319	15	20	35	354
Type founding and printing ma- terials,	83	21	104	3	5	8	112
Upholstering materials,	117	5	122	—	1	1	123
Vinegar and cider,	30	—	30	—	—	—	30
Waste,	378	244	622	2	12	14	636
Watch and clock materials, . . .	61	102	163	7	11	18	181
Whips,	734	279	1,013	34	34	68	1,081
Window shades and fixtures, . . .	47	4	51	3	3	6	57
Wire,	2,139	45	2,184	20	5	25	2,209
Wirework, including wire rope and cable,	1,842	383	2,225	170	81	251	2,476
Wood, turned and carved,	1,162	15	1,177	111	1	112	1,289
Wooden goods, not elsewhere speci- fied,	245	30	275	10	5	15	290
Wool scouring,	670	32	702	12	5	17	719
Woolen and worsted goods,	27,170	17,376	44,546	2,289	3,046	5,335	49,881
All other industries,	18,977	5,395	24,372	919	831	1,750	26,122

TABLE V. WAGES.

CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913.

	Un- der \$5	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER														\$25 but under \$35	\$35 and over
		1,207	4,703	13,270	25,780	30,258	30,934	26,719	18,618	11,002	9,096	5,083	3,388	2,847	3,015	1,441	860
THE STATE.	1,148	600,571															14,985
Adults (18 years of age and over):																	15,508
Males,	177	448,530															15,340
Females,	438	189,743															268
Young persons (under 18 years of age),	837	57,308															-
Agricultural Implements.																	7
Adults (18 years of age and over):																	7
Males,	-	-	5	8	2	6	49	72	101	84	68	49	38	58	80	16	21
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	1	-	-	-	8	7	-	-	-	-	-	-	-	-	-
Artificial Stone.																	16
Adults (18 years of age and over):																	16
Males,	-	-	-	-	2	6	3	8	12	14	44	59	9	49	13	14	16
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Automobiles, including Bodies and Parts.																	308
Adults (18 years of age and over):																	301
Males,	18	4,957	11	80	40	77	90	146	168	184	448	475	818	640	680	818	808
Females,	10	4,736	6	13	18	38	73	126	189	179	430	468	309	538	517	817	801
Young persons (under 18 years of age),	98	55	-	-	1	1	2	15	1	5	10	5	4	2	3	1	3

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																Under \$5	\$5 and Over
Billiard Tables and Materials.	24																		
Adults (18 years of age and over):	24																		
Males,																			
Females,																			
Young persons (under 18 years of age),																			
<i>Blacking.</i>	610	4	19	24	63	69	66	65	38	19	65	9	8	24	13	17	15	3	32
Adults (18 years of age and over):	267																		
Males,																			
Females,	297	1	18	55	48	44	56	46	13	5	7			1					31
Young persons (under 18 years of age),	46	3	1	29	6	6	1												1
Bookbinding and Blank-Book																			
<i>Making.</i>	8,747	10	160	193	356	340	668	301	160	163	151	73	63	180	148	166	113	76	65
Adults (18 years of age and over):	1,265																		
Males,																			
Females,	1,148	4	29	73	138	360	196	212	94	71	39	18	12	8	2	1			55
Young persons (under 18 years of age),	234	6	113	91	32	26	9	4		1		1							

Boot and Shoe Cut Stock and Findings. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),.	10,083	48	116	347	640	989	965	867	988	894	539	915	574	474	509	451	302	274	115	98
	6,490	13	15	49	107	222	354	415	656	712	438	829	539	456	490	420	297	269	113	96
	2,776	16	55	155	394	557	479	384	310	156	92	84	34	18	19	11	5	5	2	-
	817	19	46	143	139	220	122	58	32	26	9	2	1	-	-	-	-	-	-	-
	92,549	233	509	1,233	2,489	4,459	5,104	5,475	7,109	7,148	5,681	7,070	5,873	4,995	6,831	6,989	7,411	5,100	3,956	4,884
Boots and Shoes. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	56,520	51	82	180	388	886	1,344	1,882	2,807	3,259	2,938	4,145	3,874	3,498	5,403	5,859	6,561	4,742	3,792	4,829
	29,201	83	132	388	856	1,897	2,490	2,998	3,817	3,654	2,638	2,853	1,967	1,477	1,406	1,122	846	358	164	55
	6,828	99	295	665	1,245	1,676	1,270	595	485	235	105	72	32	20	22	8	4	-	-	-
	8,647	-	5	41	94	249	408	484	1,232	1,732	1,005	1,007	458	300	454	504	355	163	95	51
	4,963	-	-	-	3	21	99	127	418	771	660	749	359	240	406	487	340	159	93	51
Boots and Shoes, Rubber. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	3,282	-	-	-	7	115	240	322	788	956	342	258	108	60	48	17	15	4	2	-
	382	-	5	41	84	113	69	35	26	5	3	-	1	-	-	-	-	-	-	-
	175	-	-	11	11	16	15	25	9	14	5	7	4	1	16	29	7	4	1	-
	73	-	-	-	-	-	1	1	1	10	-	1	1	1	16	29	7	4	1	-
	79	-	-	6	3	10	12	22	8	4	5	6	3	-	-	-	-	-	-	-
Boxes, Cigar. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	23	-	-	5	8	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
	4,667	16	111	352	487	494	454	496	459	496	253	357	211	132	194	105	97	60	29	34
	1,518	-	1	7	9	20	46	62	96	187	113	243	146	110	168	92	95	60	29	34
	2,404	10	37	107	288	349	355	340	322	245	131	94	64	22	26	12	2	-	-	-
	745	6	73	238	190	125	53	24	21	4	9	-	1	-	-	1	-	-	-	-

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

	7,208	12	78	189	585	670	687	631	518	384	474	347	379	311	391	381	337	\$22 but under \$22	\$22 but and over \$25	18
Clothing, Men's.																				
Adults (18 years of age and over):																				
Males,	3,238	-	1	7	60	55	71	93	155	151	310	200	318	281	309	388	323	236	250	12
Females,	3,042	3	85	136	473	596	611	524	354	233	161	85	52	30	22	3	5	3	-	-
Young persons (under 18 years of age),	248	9	12	46	53	19	15	14	7	-	3	2	9	-	-	-	-	-	-	-
Clothing, Women's.																				
Adults (18 years of age and over):																				
Males,	1,041	-	-	3	25	39	40	44	48	35	96	41	77	134	153	204	239	151	304	16
Females,	5,078	19	38	177	621	708	808	682	550	325	320	122	90	121	62	30	18	13	16	-
Young persons (under 18 years of age),	373	14	44	106	76	24	17	4	1	3	-	-	1	-	-	-	-	-	-	-

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.																						\$25 and Over
Copper, Tin, and Sheet-Iron Products.																						85
Adults (18 years of age and over):																						85
Males,																						-
Females,																						-
Young persons (under 18 years of age),																						7
Gordage and Twine.																						7
Adults (18 years of age and over.):																						7
Males,																						-
Females,																						-
Young persons (under 18 years of age),																						7
Cordials and Sirups.																						7
Adults (18 years of age and over):																						7
Males,																						-
Females,																						-
Young persons (under 18 years of age),																						-
Cereals.																						-
Adults (18 years of age and over):																						3,145
Males,																						307
Females,																						2,838
Young persons (under 18 years of age),																						478

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

\$15 and Over	\$12	\$10	\$8	\$6	\$4	\$2	\$1	\$0.50	\$0.25	\$0.10	\$0.05	\$0.01
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TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

\$15 and Over	\$12	\$11			\$	\$			\$1	\$1			\$	\$		
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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

TABLE V. WAGES — Continued.
 CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

\$25 and Over	8	8	1	1	7	7	1	1	2	8	1	1
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Musical Instruments, Pianos and Organs, and Materials. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	4,568	9	30	94	155	257	338	273	361	287	233	337	245	211	400	400	534	342	130	133
	3,965	-	2	5	37	86	159	205	340	281	226	334	244	210	397	400	534	242	130	133
	225	-	-	11	32	69	37	47	13	5	4	3	1	-	3	-	-	-	-	-
	372	2	28	78	86	102	42	21	8	1	3	-	-	1	-	-	-	-	-	-
Oil, not elsewhere Specified. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	341	-	1	1	4	5	2	2	27	80	31	63	40	11	20	24	14	6	1	4
	326	-	1	-	-	2	1	-	24	79	31	68	40	11	20	24	14	6	1	4
	12	-	-	1	3	1	1	2	3	1	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Optical Goods. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	2,772	6	67	74	224	237	210	227	319	213	175	172	160	140	128	186	79	46	28	6
	1,789	-	1	6	19	45	79	189	243	142	143	159	156	138	126	184	79	46	28	6
	700	1	5	28	132	139	114	93	69	67	29	13	4	2	2	2	-	-	-	-
	283	5	61	40	73	53	17	15	7	9	3	-	-	-	-	-	-	-	-	-
Paints and Varnishes. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	608	1	1	-	12	28	17	24	47	91	60	106	40	31	43	32	38	10	9	19
	548	-	-	-	3	8	8	17	42	88	59	104	40	30	42	32	38	10	9	18
	41	-	-	-	6	10	5	7	5	3	1	2	-	1	-	-	-	-	-	1
	19	1	1	-	3	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Paper and Wood Pulp. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	15,190	12	41	51	251	1,730	1,090	1,105	2,153	2,410	1,298	1,647	704	339	568	514	690	355	183	167
	10,281	-	3	6	5	28	44	76	1,578	2,260	1,214	1,614	682	331	557	510	678	355	183	157
	4,438	5	29	38	204	1,497	893	1,000	531	129	41	31	21	8	5	4	2	-	-	-
	471	7	9	7	42	205	93	29	44	21	11	2	1	-	-	-	-	-	-	-

	787	-	-	8	28	35	47	78	83	60	60	77	65	53	62	50	52	25	17	7
Plumbers' Supplies.																				
Adults (18 years of age and over):																				
Males,	701	-	-	-	6	18	36	60	75	60	60	75	65	33	62	50	52	25	17	7
Females,	32	-	-	2	4	6	5	8	5	-	-	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	54	-	-	6	18	11	6	10	3	-	-	-	-	-	-	-	-	-	-	-
Pocketbooks.																				
Adults (18 years of age and over):																				
Males,	144	-	-	-	-	-	-	7	13	11	20	14	22	13	9	12	10	9	1	3
Females,	291	-	-	7	10	51	37	49	60	38	22	10	2	2	1	1	-	1	-	-
Young persons (under 18 years of age),	60	-	-	11	8	19	10	5	3	3	1	-	-	-	-	-	-	-	-	-
Pottery, Terra-Cotta, and Fire-Clay Products.																				
Adults (18 years of age and over):																				
Males,	572	-	-	1	2	1	10	8	73	101	34	147	42	28	40	35	19	17	6	9
Females,	40	-	-	1	17	3	4	2	6	5	-	1	-	-	-	-	-	-	-	8
Young persons (under 18 years of age),	28	-	-	1	4	11	6	5	-	1	-	-	-	-	-	-	-	-	-	1
Printing and Publishing.																				
Adults (18 years of age and over):																				
Males,	4,538	2	8	33	50	98	111	104	158	265	147	338	183	194	335	489	571	557	454	441
Females,	2,019	3	9	25	84	329	217	281	171	181	158	166	95	84	80	49	50	22	12	3
Young persons (under 18 years of age),	742	7	27	143	170	238	90	46	15	3	1	1	-	-	-	-	1	-	-	-
Refrigerators.																				
Adults (18 years of age and over):																				
Males,	187	-	-	-	-	1	7	14	9	9	5	18	10	11	14	26	14	16	25	8
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	3	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-

[illegible]

	39	28	132	357	381	485	546	584	502	480	467	346	199	102	93	43	24	13	24	
Silk and Silk Goods, Including Throwsters.																				
Adults (18 years of age and over):																				
Males,	-	3	7	24	27	42	81	145	186	132	105	145	126	97	84	41	22	13	24	
Females,	38	9	41	165	194	214	368	385	316	346	362	199	73	5	9	2	2	-	-	
Young persons (under 18 years of age),	1	16	84	168	160	229	97	34	-	2	-	2	-	-	-	-	-	-	-	
Silverware and Plated Ware.																				
Adults (18 years of age and over):																				
Males,	2	1	19	10	33	47	61	127	145	78	108	165	145	234	334	311	153	159	170	
Females,	1	1	4	10	61	67	96	85	44	13	19	12	6	4	5	4	-	-	-	
Young persons (under 18 years of age),	1	33	29	23	54	19	42	7	4	-	1	2	2	1	-	-	-	-	-	
Slaughtering and Meat Packing.																				
Adults (18 years of age and over):																				
Males,	-	-	-	13	27	62	84	427	801	555	393	268	134	164	166	160	52	20	100	
Females,	-	-	-	9	8	1	1	2	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	4	11	24	20	8	3	2	-	-	-	-	-	-	-	-	-	
Soap.																				
Adults (18 years of age and over):																				
Males,	-	9	46	47	44	26	22	47	55	38	62	32	19	29	13	15	7	8	9	
Females,	-	4	4	4	7	8	15	42	52	36	61	32	19	28	13	15	7	8	9	
Young persons (under 18 years of age),	-	3	24	30	30	13	7	4	2	-	1	-	-	1	-	-	-	-	-	
Sporting and Athletic Goods.																				
Adults (18 years of age and over):																				
Males,	-	-	-	2	5	12	18	54	124	132	154	93	80	83	74	48	29	32	24	
Females,	-	-	8	26	67	62	60	31	35	17	12	3	4	7	1	1	-	1	-	
Young persons (under 18 years of age),	-	-	6	29	37	6	9	6	3	2	-	-	-	-	-	-	-	-	-	
Total.	4,835	1,304	2,728	793	3,012	2,362	432	218	3,486	3,393	21	72	586	364	115	47	1,397	964	335	98

Steam Packing.		91	-	-	-	-	-	-	-	5	10	6	5	9	1	3	9	13	15	22	3	2	4
Adults (18 years of age and over):			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	89	-	-	-	-	-	-	-	-	5	9	6	5	9	1	3	8	12	22	3	2	4	
Females,	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Stereotyping and Electrotyping.		301	1	-	9	8	19	15	12	6	17	7	23	18	13	10	15	23	18	47	37		
Adults (18 years of age and over):			1	-	1	2	9	6	12	5	15	5	23	17	13	8	15	23	17	47	37		
Males,	256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	20	-	-	-	-	1	3	5	-	-	2	2	3	1	-	2	-	1	-	-	-	-	
Young persons (under 18 years of age),	25	-	-	8	5	7	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Stoves and Furnaces, not including Gas and Oil Stoves.		1,747	-	-	3	3	18	23	11	73	153	94	197	110	38	118	131	131	133	180	325		
Adults (18 years of age and over):			-	-	2	-	8	17	8	69	156	94	197	110	37	118	131	131	123	180	325		
Males,	1,716	-	-	-	-	1	1	-	1	3	1	-	-	-	-	-	-	-	-	-	-	-	
Females,	7	-	-	-	-	1	9	9	2	1	1	-	-	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	24	-	-	-	-	1	9	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Structural Ironwork.		3,007	-	-	1	9	15	33	32	62	210	186	288	207	99	169	162	165	107	97	168		
Adults (18 years of age and over):			-	-	1	8	13	31	30	59	210	186	286	207	99	169	162	165	107	97	168		
Males,	1,998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	9	-	-	-	-	1	2	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
Surgical Appliances.		252	-	-	10	15	24	29	21	54	18	11	13	6	3	5	7	7	8	7	14		
Adults (18 years of age and over):			-	-	1	1	2	-	13	41	13	11	11	3	3	5	7	7	8	7	13		
Males,	146	-	-	-	-	9	18	24	4	11	5	-	2	3	-	-	-	-	-	-	-	-	
Females,	81	-	-	-	4	9	18	24	4	11	5	-	2	3	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),																							

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Concluded.

\$25 and Over	10	16	1	1	1	1	1	58	58	1	1	74	74	1	1
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	1,486	-	-	29	58	231	353	900	173	140	61	84	45	25	30	14	24	7	8	4
Wood, Turned and Carved.																				
Adults (18 years of age and over):																				
Males,	1,354	-	-	3	20	195	327	192	170	140	60	84	45	25	30	14	24	7	8	4
Females,	*21	-	-	3	3	5	5	3	1	-	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	111	-	-	23	29	31	21	5	2	-	-	-	-	-	-	-	-	-	-	-
Wooden Goods, not elsewhere Specified.																				
Adults (18 years of age and over):																				
Males,	305	-	-	4	8	13	15	27	36	49	30	31	24	6	21	9	24	5	1	3
Females,	261	-	-	1	2	3	7	19	28	47	30	31	24	6	21	9	24	5	1	3
Young persons (under 18 years of age),	31	-	-	-	3	7	6	5	8	2	-	-	-	-	-	-	-	-	-	-
	14	-	-	3	3	3	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Wool Scouring.																				
Adults (18 years of age and over):																				
Males,	835	-	-	-	13	33	17	98	209	86	24	96	10	14	94	64	49	10	12	6
Females,	767	-	-	-	1	1	9	84	209	84	24	96	10	14	94	64	49	10	12	6
Young persons (under 18 years of age),	44	-	-	-	11	27	4	1	-	1	-	-	-	-	-	-	-	-	-	-
	24	-	-	-	1	5	4	13	-	1	-	-	-	-	-	-	-	-	-	-
Woolen and Worsted Goods.																				
Adults (18 years of age and over):																				
Males,	58,696	18	85	495	1,973	6,887	8,673	9,471	6,721	5,905	3,684	4,131	2,872	2,165	2,432	1,902	1,010	500	235	299
Females,	31,317	2	21	41	141	1,104	2,427	5,075	4,183	3,224	2,438	2,948	2,194	1,738	2,067	1,749	962	472	232	299
Young persons (under 18 years of age),	20,119	2	15	120	623	2,990	4,472	3,714	2,246	1,836	1,209	1,156	662	423	361	152	48	26	3	-
	7,260	14	49	332	1,209	2,724	1,774	682	292	95	37	27	16	4	4	1	-	-	-	-
All Other Industries.																				
Adults (18 years of age and over):																				
Males,	28,603	29	122	474	1,037	1,940	1,942	2,129	3,143	3,477	1,281	2,167	1,873	1,416	1,927	1,958	1,716	720	576	576
Females,	20,980	6	6	22	94	173	322	1,113	2,214	3,047	1,208	2,088	1,837	1,402	1,915	1,951	1,711	719	576	576
Young persons (under 18 years of age),	5,832	18	39	122	496	1,221	1,398	925	885	411	166	77	35	14	12	7	5	1	-	-
	1,791	5	77	330	447	546														

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	8,405	289.2	The State — Con.		
Agricultural implements,	5	291.0	Confectionery,	121	290.3
Artificial stone,	28	270.2	Cooperage,	36	232.8
Automobiles, including bodies and parts,	57	291.3	Copper, tin, and sheet-iron products,	122	297.2
Awnings, tents, and sails,	48	289.7	Cordage and twine,	13	296.8
Baskets, and rattan and willow ware,	14	269.7	Cordials and sirups,	7	295.9
Belting and hose, leather,	15	303.6	Corsets,	11	285.1
Belting and hose, woven,	6	296.3	Cotton goods,	167	289.5
Bicycles, motorcycles, and parts,	6	76.8	Cotton small wares,	23	284.1
Billiard tables and materials,	4	305.0	Cutlery and tools, not elsewhere specified,	137	291.8
Blacking,	50	295.2	Dairymen's, poulterers', and apiarists' supplies,	4	296.8
Bookbinding and blank-book making,	57	301.8	Dentists' materials,	8	295.4
Boot and shoe cut stock and findings,	375	295.4	Dyeing and finishing textiles,	49	289.5
Boots and shoes,	453	288.3	Dyestuffs and extracts,	14	303.1
Boots and shoes, rubber,	8	278.5	Electrical machinery, apparatus, and supplies,	80	298.2
Boxes, cigar,	4	298.0	Electroplating,	41	296.5
Boxes, fancy and paper,	95	298.0	Emery and other abrasive wheels,	11	288.0
Boxes, wooden packing,	99	282.0	Enameling and japaning,	11	293.5
Brass and bronze products,	69	296.2	Engraving and die sinking,	21	285.5
Bread and other bakery products,	804	300.9	Envelopes,	11	301.5
Brick and tile,	45	168.2	Fancy articles, not elsewhere specified,	18	300.8
Brooms,	23	270.7	Felt goods,	13	272.7
Brushes,	27	293.3	Firearms,	6	291.0
Butter,	16	263.2	Flavoring extracts,	13	304.5
Buttons,	11	275.1	Flour-mill and gristmill products,	70	272.4
Canning and preserving,	55	273.8	Food preparations,	31	244.4
Card cutting and designing,	4	302.8	Foundry and machine-shop products,	623	296.7
Carpets and rugs, other than rag,	11	289.3	Fur goods,	11	291.0
Carpets, rag,	17	279.8	Furnishing goods, men's,	15	280.4
Carriages and sleds, children's,	5	289.6	Furniture,	116	296.3
Carriages and wagons and materials,	89	302.9	Galvanizing,	3	292.8
Cars and general shop construction and repairs by steam-railroad companies,	22	312.7	Gas and electric fixtures,	11	292.0
Chemicals,	21	306.0	Glass, cutting, staining, and ornamenting,	25	291.8
Cleansing and polishing preparations,	15	291.8	Glue,	9	256.4
Clocks,	9	293.8	Gold and silver, leaf and foil,	11	291.1
Cloth, sponging and re-finishing,	4	299.0	Gold and silver, reducing and refining, not from the ore,	7	303.3
Clothing, men's,	206	284.7	Grease and tallow,	34	291.2
Clothing, women's,	184	281.7	Hand-knit goods,	7	281.5
Coffee and spice, roasting and grinding,	16	303.1	Hand stamps and stencils and brands,	25	305.0
Coffins, burial cases, and undertakers' goods,	12	298.6	Hardware,	40	297.5
Combs and hairpins,	35	284.4	Hats and caps, other than felt, straw, and wool,	30	278.7
			Hats, felt,	11	261.6
			Hats, straw,	20	272.4

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Hosiery and knit goods,	65	283.8	Paints and varnishes,	34	288.1
House-furnishing goods, not elsewhere specified,	26	296.9	Paper and wood pulp,	88	279.6
Instruments, professional and scientific,	22	284.3	Paper goods not elsewhere specified,	47	284.5
Iron and steel, steel works and rolling mills,	7	291.8	Patent medicines and compounds and druggists' preparations,	75	296.8
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	9	299.9	Photo-engraving,	12	302.4
Iron and steel forgings,	11	290.2	Plumbers' supplies,	19	299.7
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	23	291.1	Pocketbooks,	6	295.0
Ivory, shell, and bone work, not including combs and hairpins,	3	279.6	Pottery, terra-cotta, and fire-clay products,	15	287.9
Jewelry,	160	281.5	Printing and publishing,	131	301.4
Jewelry and instrument cases,	12	300.2	Refrigerators,	11	292.6
Kaolin and ground earths,	6	303.3	Regalia and society badges and emblems,	4	302.8
Labels and tags,	4	305.0	Rubber goods, not elsewhere specified,	36	289.7
Lamps and reflectors,	6	277.1	Saddlery and harness,	38	296.6
Lasts,	34	283.5	Sausage, not made in slaughtering and meat-packing establishments,	46	296.4
Leather goods, not elsewhere specified,	44	285.3	Scales and balances,	3	262.0
Leather, tanned, curried, and finished,	127	276.3	Screws, machine,	16	283.8
Lime,	8	306.2	Shipbuilding, wooden, including boat building,	51	273.1
Linen goods,	8	271.6	Shirts,	13	277.1
Liquors, distilled,	6	291.4	Shoddy,	25	265.8
Liquors, malt,	32	303.6	Showcases,	11	302.3
Looking-glass and picture frames,	20	302.9	Signs and advertising novelties,	11	284.6
Lumber and timber products,	28	222.0	Silk and silk goods, including throwsters,	16	295.9
Lumber, planing-mill products,	165	295.8	Silverware and plated ware,	19	286.2
Marble and stone work,	103	262.8	Slaughtering and meat packing,	38	254.1
Mattresses and spring beds,	41	300.5	Soap,	39	300.0
Millinery and lace goods,	67	298.1	Sporting and athletic goods,	16	302.6
Mineral and soda waters,	91	288.3	Stationery goods, not elsewhere specified,	19	299.5
Mirrors,	6	301.1	Statuary and art goods,	10	302.2
Models and patterns, not including paper patterns,	60	298.4	Steam fittings and heating apparatus,	29	293.2
Monuments and tombstones,	155	284.2	Steam packing,	10	292.1
Mucilage and paste,	14	300.2	Stereotyping and electrotyping,	13	304.4
Musical instruments and materials, not specified,	14	300.3	Stoves and furnaces, not including gas and oil stoves,	14	270.0
Musical instruments, pianos, and organs, and materials,	50	295.8	Structural ironwork,	49	296.8
Oil, not elsewhere specified,	16	300.3	Surgical appliances,	12	295.0
Optical goods,	10	296.9	Suspenders, garters, and elastic woven goods,	31	286.4
			Tobacco manufactures,	315	287.5
			Toys and games,	11	282.1
			Trunks and valises,	19	296.0
			Type founding and printing materials,	8	271.2

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Upholstering materials, . . .	3	305.0	Wirework, including wire rope and cable, . . .	31	294.3
Vinegar and cider, . . .	13	253.5	Wood, turned and carved, . . .	47	290.3
Waste, . . .	9	291.1	Wooden goods, not elsewhere specified, . . .	26	276.9
Watch and clock materials, . . .	6	273.8	Wool scouring, . . .	11	286.4
Whips, . . .	22	291.5	Woolen and worsted goods, . . .	166	282.2
Window shades and fixtures, . . .	8	300.6	All other industries, . . .	183	291.2
Wire, . . .	7	303.2			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	8,405	289.2	The State — Con.		
Abington, . . .	12	290.8	Douglas, . . .	4	296.0
Acton, . . .	15	262.8	Dudley, . . .	9	291.8
Adams, . . .	28	292.4	Easthampton, . . .	15	273.6
Agawam, . . .	3	292.3	Easton, . . .	6	295.2
Amesbury, . . .	43	286.0	Erving, . . .	4	297.8
Amherst, . . .	16	283.3	Essex, . . .	3	239.7
Andover, . . .	10	274.9	EVERETT, . . .	53	290.9
Arlington, . . .	13	283.5	FALL RIVER, . . .	227	293.2
Ashburnham, . . .	9	283.1	FITCHBURG, . . .	114	289.0
Athol, . . .	29	292.4	Foxborough, . . .	11	253.7
Attleborough, . . .	136	284.8	Framingham, . . .	37	279.6
Auburn, . . .	4	280.3	Franklin, . . .	24	284.0
Ayer, . . .	11	293.5	Gardner, . . .	53	275.9
Barnstable, . . .	4	239.8	Georgetown, . . .	6	233.7
Barre, . . .	8	296.3	GLOUCESTER, . . .	78	291.0
Becket, . . .	6	292.8	Grafton, . . .	12	298.1
BEVERLY, . . .	44	291.6	Great Barrington, . . .	13	302.0
Billerica, . . .	6	260.0	Greenfield, . . .	33	288.6
Boston, . . .	2,104	292.2	Groton, . . .	5	301.4
Braintree, . . .	16	278.1	Hanover, . . .	4	297.8
Bridgewater, . . .	14	251.6	HAVERHILL, . . .	316	296.2
BROCKTON, . . .	184	291.0	Hingham, . . .	6	257.7
Brookfield, . . .	3	304.0	HOLYOKE, . . .	133	293.2
Brookline, . . .	10	304.8	Hudson, . . .	28	282.2
CAMBRIDGE, . . .	243	293.9	Kingston, . . .	5	294.5
Canton, . . .	15	275.4	LAWRENCE, . . .	135	292.7
Chelmsford, . . .	11	270.6	Lee, . . .	13	271.8
CHELSEA, . . .	96	287.0	Leicester, . . .	10	302.2
Chester, . . .	5	305.0	Leominster, . . .	70	282.5
CHICOPPE, . . .	40	276.8	Lexington, . . .	5	285.3
Clinton, . . .	25	285.0	LOWELL, . . .	234	290.3
Concord, . . .	8	283.8	LYNN, . . .	365	292.8
Dalton, . . .	9	296.4	MALDEN, . . .	63	289.9
Danvers, . . .	24	258.1	Manchester, . . .	5	294.4
Dedham, . . .	10	304.0	Mansfield, . . .	20	274.3
Deerfield, . . .	7	261.4	Marblehead, . . .	22	279.0
Dighton, . . .	6	295.8	MARLBOROUGH, . . .	38	284.6
			MEDFORD, . . .	28	289.4

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Medway,	10	272.8	SALEM,	151	285.1
MELROSE,	16	284.4	Shelburne,	3	299.3
Merrimac,	7	290.6	Shirley,	8	231.3
Methuen,	19	271.1	SOMERVILLE,	93	297.5
Middleborough,	17	282.6	Southbridge,	23	297.7
Milford,	39	285.7	South Hadley,	12	268.3
Millbury,	25	297.7	Spencer,	12	276.9
Milton,	4	250.0	SPRINGFIELD,	245	292.4
Monson,	7	294.4	Stoneham,	18	287.9
Montague,	16	260.8	Stoughton,	16	293.1
Natick,	32	283.8	Swampscott,	3	296.7
Needham,	19	292.1	TAUNTON,	94	289.9
NEW BEDFORD,	170	295.6	Templeton,	16	266.7
NEWBURYPORT,	49	292.6	Townsend,	6	282.3
NEWTON,	37	292.5	Uxbridge,	10	296.3
NORTH ADAMS,	50	299.6	Wakefield,	17	298.6
NORTHAMPTON,	50	283.4	Walpole,	11	300.7
North Andover,	7	293.0	WALTHAM,	64	292.3
North Attleborough,	59	273.4	Ware,	13	297.5
Northborough,	4	305.0	Wareham,	9	256.7
Northbridge,	10	300.5	Warren,	9	286.2
North Brookfield,	7	296.9	Watertown,	13	295.0
North Reading,	5	305.0	Wellesley,	4	300.0
Norton,	7	273.3	Westborough,	10	289.9
Norwood,	15	292.1	Westfield,	70	293.9
Orange,	19	278.9	Westford,	13	212.5
Oxford,	8	290.0	West Springfield,	13	274.8
Palmer,	12	292.2	West Stockbridge,	5	311.6
Peabody,	69	286.8	Weymouth,	29	288.8
Pepperell,	8	295.2	Whitman,	15	291.9
PITTSFIELD,	55	286.8	Williamsburg,	10	295.2
Plainville,	7	291.0	Winchendon,	22	298.1
Plymouth,	22	284.3	Winchester,	17	277.7
QUINCY,	157	286.1	Winthrop,	3	320.3
Randolph,	6	294.5	WOBURN,	45	294.9
Reading,	17	286.4	WORCESTER,	448	294.2
Revere,	5	302.8	Other towns,	323	273.0
Rockland,	15	293.2			
Rockport,	11	248.3			
Rowley,	6	289.5			

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The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

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TWENTY-NINTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1914



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1916

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

APPROVED BY THE STATE BOARD OF PUBLICATION.

The Commonwealth of Massachusetts

TWENTY-NINTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

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BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.



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The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

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STATISTICS OF MANUFACTURES—1914.

INTRODUCTION.

The data for the 29th Annual Report on the Statistics of Manufactures, covering the year 1914 are derived from the returns from 12,013 establishments, a complete canvass of the State being made and, as in other Census years, its scope being extended to include not only the Gas (illuminating and heating) industry and the complete industries of Printing and Publishing; and Lumber and Timber products, but also all manufacturing establishments having products of \$500 and over. These industries and the relatively smaller establishments¹ are ordinarily omitted from the regular canvass during the intercensal years, not only on account of the expense involved in collecting them, but also because of the necessity of publishing the returns within a twelve-months' period.

These returns show the total value of the manufactured product of Massachusetts for the year 1914 to be \$1,641,373,047, an increase as compared with the Census taken five years previously, — as of the year ending December, 1909, when the figure stood at \$1,490,529,386, — of \$150,843,661, or 10.1 per cent, — or an average gain of a little over two per cent per year. But, if the 1914 figures be compared with those of the immediately preceding year, 1913, when the total was \$1,658,728,363, notwithstanding the canvass was more restricted, it is significant that an absolute decline of \$17,355,316 appears. Thus, it is obvious, in spite of a record of 10.1 per cent increase in the product value of Massachusetts manufactures shown by the census figures of 1914 in comparison

¹ These smaller establishments having product values ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments included in a Census (23.6 per cent) represent less than one-half of one per cent of the aggregate product value for All Industries. [13th Census of the United States, Vol. IX, page 507.]

with the Census of 1909, that conditions in our industries as a whole were considerably below normal in 1914, — the rate of increase, not only in value of product, but in the other factors taken into account in the returns, falling far below the average at any time for nearly a score of years, as appears from an examination of the following summary of the census figures since 1895: —

CENSUS YEAR.	Value of Product	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$734,652,132	—	—	—
1899,	907,626,439	\$172,974,307	23.5	5.9
1904,	1,124,092,051	216,465,612	23.8	4.8
1909,	1,490,529,386	366,437,335	32.6	6.5
1914,	1,641,373,047	150,843,661	10.1	2.0
Increase for the 19-year period, . .	—	906,720,915	123.4	6.5

CENSUS YEAR.	Value of Stock and Materials	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$406,026,692	—	—	—
1899,	498,655,033	\$92,628,341	22.8	5.7
1904,	626,410,431	127,755,398	25.6	5.1
1909,	830,764,943	204,354,512	32.6	6.5
1914,	931,383,793	100,618,850	12.1	2.4
Increase for the 19-year period, . .	—	525,357,101	129.4	6.8

CENSUS YEAR.	Amount Paid in Wages	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$166,723,992	—	—	—
1899,	196,278,276	\$28,554,284	17.1	4.3
1904,	232,388,946	37,110,670	19.0	3.8
1909,	301,173,464	68,784,518	29.6	5.9
1914,	341,309,517	40,136,053	13.3	2.7
Increase for the 19-year period, . .	—	174,585,525	104.7	5.5

CENSUS YEAR.	Average Number of Wage Earners	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	382,563	—	—	—
1899,	438,234	55,671	14.6	3.7
1904,	488,399	50,165	11.4	2.3
1909,	584,559	96,160	19.7	3.9
1914,	606,698	22,139	3.8	0.8
Increase for the 19-year period, . .	—	224,135	58.6	3.1

CENSUS YEAR.	Number of Establish- ments	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	8,002	—	—	—
1899,	10,929	2,237	25.7	6.4
1904,	10,723	206 ¹	—1	—1
1909,	11,684	961	9.0	1.8
1914,	12,013	329	2.8	0.6
Increase for the 19-year period, . .	—	3,321	38.2	2.0

¹ Decrease.

It is of interest to note in examining these figures that although for each census year under review up to 1914, the value of manufactured product increased at a more rapid rate than the amount paid in wages, the relationship between the two is reversed for the period 1909–1914, and that while the value of product increased only 10.1 per cent, the amount of wages paid increased 13.3 per cent; although there was an increase during the same period in the average number of wage earners of only 3.8 per cent. For the entire 19-year period, there was an increase in value of product of 123.4 per cent, while the increase in the amount of wages paid was 104.7 per cent, and the increase in the average number of wage earners employed was 58.6 per cent; the percentage of increase in the aggregate amount paid in wages being thus almost twice the percentage of increase in the number of wage earners. The figures for the several factors taken into account for the several census years since 1895 indicate a degree of

progress such as, indeed, might reasonably be expected to occur at each five-year period, but, as above pointed out, there was a marked drop in the *rate* of increase during the period between 1909 and 1914, and an absolute decline between the last two years of that period as appears from the following table:

All Industries.

	1914	1913
Value of product,	\$1,041,373,047	\$1,058,728,363
Stock and materials used,	\$931,383,793	\$961,778,476
Wages paid,	\$341,309,517	\$351,299,706
Wage-earners,	606,698	616,927

The comparison between the figures of 1913 and 1914 is not less interesting and illuminating when applied in detail to our principal industries. We find, for example, that in 1913 we had already gone considerably beyond the \$200,000,000 mark in the product value of Boots and shoes, the total in that year being approximately \$217,000,000 — but it dropped in 1914 to a little over \$200,500,000; that in Cotton goods a level of \$211,985,000 in product value was recorded in 1913 which dropped in 1914 to \$197,322,000; that the output in Foundries and machine-shops fell off in 1914 from the 1913 figures by over \$5,000,000; that the product of the Slaughtering and meat packing industry in 1913 exceeded the returns for 1914 by more than four millions; that Leather, tanned, curried, and finished, in 1914, fell back nearly a million and a half from the 1913 mark; that Electrical machinery, apparatus, and supplies, lost in product value upwards of ten millions of dollars; that there was a perceptible decline in the work done by establishments engaged in the dyeing and finishing of textiles; that upwards of \$2,000,000 was lost in Jewelry; and that retrogression appears in Men's clothing, Furniture and refrigerators, and in Cutlery and tools. To put it briefly, there were only five out of 23 of the important industries in the State whose output in 1914 came up to the level of 1913.

Of the increases in product value in 1914 over 1913, by far the most pronounced was that in the Woolen and worsted

goods industry, which between the Censuses of 1904 and 1909 had shown an increase in product value of from approximately \$100,000,000 to \$140,665,000, or over 41 per cent, but which fell back in 1913 to \$122,495,000, a decline from the census figure of 1909 of 13 per cent. In December, 1913, however, this industry entered upon a new phase, and the partial recovery shown in 1914, amounting to over seven and one-half millions of dollars and which brought the total back to \$130,348,514 is probably attributable to the steadying influence of more settled conditions in this industry, in the place of the suspense and uncertainty which had existed for several years. The figures for the last two census periods for the leading industries and also separate comparisons for the years 1914 and 1913 are shown in the following tables:—

**COMPARISON OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE CENSUS
YEARS 1914, 1909, AND 1904.**

INDUSTRIES.	VALUE OF PRODUCT		
	1914	1909	1904
Boots and shoes,	\$200,529,858	\$187,045,767	\$144,291,426
<i>Per cent of increase over the preceding five years, .</i>	<i>7.2</i>	<i>29.6</i>	<i>-</i>
Boot and shoe cut stock and findings,	54,658,155	49,297,148	29,388,202
<i>Per cent of increase over the preceding five years, .</i>	<i>10.9</i>	<i>67.7</i>	<i>-</i>
Cotton goods, including cotton small wares,	197,322,111	186,462,313	130,068,982
<i>Per cent of increase over the preceding five years, .</i>	<i>5.8</i>	<i>43.4</i>	<i>-</i>
Woolen, worsted, and felt goods,	130,348,514	140,665,084	99,313,895
<i>Per cent of increase over the preceding five years, .</i>	<i>7.3¹</i>	<i>41.6</i>	<i>-</i>
Foundry and machine-shop products,	85,638,612	86,925,671	63,750,411
<i>Per cent of increase over the preceding five years, .</i>	<i>0.3¹</i>	<i>36.4</i>	<i>-</i>
Printing and publishing,	54,195,811	47,445,006	39,274,014
<i>Per cent of increase over the preceding five years, .</i>	<i>18.4</i>	<i>20.8</i>	<i>-</i>
Slaughtering and meat packing, ²	54,446,687	44,402,972	38,012,208
<i>Per cent of increase over the preceding five years, .</i>	<i>22.6</i>	<i>16.8</i>	<i>-</i>
Leather, tanned, curried, and finished,	45,265,434	40,002,079	33,352,999
<i>Per cent of increase over the preceding five years, .</i>	<i>13.2</i>	<i>19.9</i>	<i>-</i>
Electrical machinery, apparatus, and supplies,	43,869,294	28,142,889	15,882,216
<i>Per cent of increase over the preceding five years, .</i>	<i>55.9</i>	<i>77.2</i>	<i>-</i>
Paper and wood pulp,	43,352,545	40,096,713	32,012,247
<i>Per cent of increase over the preceding five years, .</i>	<i>8.1</i>	<i>25.3</i>	<i>-</i>
Bread and other bakery products,	33,309,051	26,146,044	18,659,703
<i>Per cent of increase over the preceding five years, .</i>	<i>27.4</i>	<i>40.1</i>	<i>-</i>
Boots and shoes, rubber,	23,788,788	18,722,363	39,034,549
<i>Per cent of increase over the preceding five years, .</i>	<i>27.1</i>	<i>52.0¹</i>	<i>-</i>
Dyeing and finishing textiles,	22,455,086	21,892,890	11,048,512
<i>Per cent of increase over the preceding five years, .</i>	<i>2.6</i>	<i>98.2</i>	<i>-</i>
Confectionery,	20,130,823	15,266,453	9,317,996
<i>Per cent of increase over the preceding five years, .</i>	<i>31.9</i>	<i>63.8</i>	<i>-</i>
Clothing, men's, including shirts,	19,613,767	18,313,783	14,912,917
<i>Per cent of increase over the preceding five years, .</i>	<i>7.1</i>	<i>22.8</i>	<i>-</i>
Hosiery and knit goods,	17,419,077	14,736,025	10,094,897
<i>Per cent of increase over the preceding five years, .</i>	<i>18.2</i>	<i>46.0</i>	<i>-</i>
Gas, illuminating and heating,	15,751,637	11,074,354	8,036,018
<i>Per cent of increase over the preceding five years, .</i>	<i>42.2</i>	<i>37.8</i>	<i>-</i>
Liquors, malt,	15,608,044	12,723,730	11,080,944
<i>Per cent of increase over the preceding five years, .</i>	<i>22.7</i>	<i>14.8</i>	<i>-</i>
Furniture and refrigerators,	14,281,057	13,867,548	11,359,678
<i>Per cent of increase over the preceding five years, .</i>	<i>3.0</i>	<i>22.1</i>	<i>-</i>
Jewelry,	14,175,857	15,210,738	10,073,595
<i>Per cent of increase over the preceding five years, .</i>	<i>6.9¹</i>	<i>51.0</i>	<i>-</i>
Clothing, women's,	13,982,587	11,727,980	8,696,044
<i>Per cent of increase over the preceding five years, .</i>	<i>19.2</i>	<i>34.9</i>	<i>-</i>
Cutlery and tools, not elsewhere specified,	12,974,022	11,610,749	8,233,000
<i>Per cent of increase over the preceding five years, .</i>	<i>11.7</i>	<i>41.0</i>	<i>-</i>
Iron and steel, steel works and rolling mills,	11,376,008	13,567,628	11,947,731
<i>Per cent of increase over the preceding five years, .</i>	<i>16.2¹</i>	<i>13.6</i>	<i>-</i>
Automobiles, including bodies and parts,	11,198,790	11,359,224	2,662,505
<i>Per cent of increase over the preceding five years, .</i>	<i>1.4¹</i>	<i>326.6</i>	<i>-</i>
Carpets and rugs, other than rag,	10,981,344	12,811,981	9,713,978
<i>Per cent of increase over the preceding five years, .</i>	<i>14.8¹</i>	<i>31.9</i>	<i>-</i>

¹ Decrease.² Including sausage.

**COMPARISONS OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE
YEARS 1914 AND 1913, SHOWING DECREASES.**

INDUSTRIES.	1914	1913	Decrease in 1914
The State.	\$1,641,373,947	\$1,658,723,363	\$17,355,316
Boots and shoes, including cut stock and findings,	255,133,013	269,677,783	14,489,770
Boots and shoes,	200,529,858	216,667,911	16,138,053
Boot and shoe cut stock and findings, . .	54,658,155	53,009,872	1,648,283 ¹
Cotton goods, including cotton small wares, .	197,322,111	211,985,220	14,663,109
Woolen, worsted, and felt goods,	130,348,514	122,495,093	7,853,421 ¹
Foundry and machine-shop products, ² . .	85,638,612	90,948,683	5,310,071
Printing and publishing,	56,195,811	18,708,542 ³	-
Slaughtering and meat packing, ⁴	54,446,687	58,658,143	4,211,456
Leather, tanned, curried, and finished, . .	45,265,434	46,674,470	1,409,036
Electrical machinery, apparatus and supplies, .	43,869,294	54,433,691	10,564,397
Paper and wood pulp,	43,352,545	48,402,886	5,050,341
Bread and other bakery products,	33,309,061	28,331,835	4,977,216 ¹
Boots and shoes, rubber,	23,788,788	24,733,926	945,138
Dyeing and finishing textiles,	22,455,086	25,125,931	2,670,845
Confectionery,	20,130,823	20,175,141	44,318
Clothing, men's, including shirts,	19,613,767	21,772,597	2,158,830
Hosiery and knit goods, including hand-knit goods.	17,419,077	16,717,928	701,149 ¹
Gas, illuminating and heating,	15,751,637	- ⁵	-
Liquors, malt,	15,608,044	15,795,719	187,675
Furniture and refrigerators,	14,281,057	15,327,462	1,046,405
Jewelry,	14,175,857	16,526,436	2,350,579
Clothing, women's,	13,982,587	13,812,249	170,338 ¹
Cutlery and tools, not elsewhere specified, .	12,974,022	13,760,732	786,710
Iron and steel, steel works and rolling mills, .	11,376,008	14,680,756	3,304,748
Automobiles, including bodies and parts, . .	11,198,790	11,265,702	66,912
Carpets and rugs, other than rag,	10,981,344	12,853,395	1,872,051

¹ Increase.

² In accordance with the grouping of the Census Office, the line Foundry and Machine-Shop Products includes the following: Foundry and machine shop products; automobile repairing; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

³ These figures are not comparable. For reasons given in the text, the canvass in this industry was incomplete in 1913.

⁴ Includes sausage.

⁵ No returns for this industry in 1913.

THE PRINCIPAL INDUSTRIES.

Measured by product value, the principal industries of the State fall in order in 1914 as follows: —

- (1) Boots and shoes,
- (2) Cotton goods, including cotton small wares,
- (3) Woolen and worsted goods, including felt goods,
- (4) Foundry and machine-shop products,
- (5) Printing and publishing,
- (6) Slaughtering and meat packing,
- (7) Leather, tanned, curried, and finished,
- (8) Electrical machinery, apparatus, and supplies,
- (9) Paper and wood pulp.

Of these enumerated leading industries, two, namely, Printing and publishing and Slaughtering and meat packing, are differentiated from the others by certain peculiar characteristics. The former might perhaps be more aptly termed a service rather than a manufacturing industry, a large part of its product value as returned consisting of the amount received for advertising, a source of income quite independent of the amounts received from actual sale of goods produced. Slaughtering and meat packing is still another type of industry to be differentiated from what is technically manufacturing, the chief element of expense being the cost of stock, with a relatively small complement for labor as a contributing factor to the value of product. The condition of both of these industries, however, at any given time may be considered to reflect in a measure the increasing intelligence of the people and their standards of living, and therefore seem proper subjects for inclusion in a survey of this character. Some particular considerations are here given to the comparative returns for these nine principal industries for the Census years 1895 to 1914, inclusive:

Boots and Shoes (exclusive of Cut Stock and Findings). — The volume of product for the year ending in December, 1914, exhibits an advance over the output five years before, as of December, 1909, of \$13,484,091, or about seven per cent. The gain in the next earlier half-decade, 1909 over 1904, amounted to \$42,754,341, or 29.6 per cent. For the five years ending in

1904, the increase was 23.2 per cent, and for the earliest comparison, as between 1899 and 1895, 12 per cent. For the 19-year period an increase of 91.8 per cent appears, or an evidence of progress somewhat slower than that exhibited for the State as a whole which, as has been stated, shows increase of 123.4 per cent during the same time. The increase in the number of wage earners for the 19-year period was 42.3 per cent accompanied by an increase of 78.4 per cent in the amount paid in wages, and of 91 per cent in the cost of materials used. It should be stated that the data given in the table relate to the manufacture of Boots and shoes in a restricted sense. They do not include the product of concerns engaged in making soles, heels, and other cut stock, or those engaged in the manufacture of shoe findings. While these are undoubtedly a part of the boot and shoe industry, and are, moreover, the branches of the industry which exhibit the most rapid expansion in recent years, nevertheless, there is a strong local interest in the older manufacture of the completed article and the statistics are, therefore, separately presented. The value of output in Boot and shoe cut stock and findings in 1914 was \$54,658,155, or 10.9 per cent over 1909, and for the 19-year period, an increase of 251.1 per cent. The Boot and shoe industry, as a whole, maintained its share of the State total as compared with its position five years ago, there being only a fractional loss, 15.5 per cent in 1914 as against 15.9 per cent in 1909.

Cotton Goods (including Cotton Small Wares). — In Cotton goods, including Cotton small wares, the percentages of increase between 1914 and 1909 are, in value of product, approximately six per cent, four and 12 per cent in wage earners and wages, respectively, and 14 per cent in cost of materials. For the 19-year period, the increases amount to approximately 114 per cent in product value, 37 and 85, respectively, in wage earners and wages, and 152 per cent in cost of materials. The percentages of gain for the 19-year period are considerably larger in this industry than the corresponding percentages for Boots and shoes, with the single exception of the average number of wage earners which exhibits 37 per cent in Cotton goods as against 42 in Boots and shoes, although in both

industries tremendous advance has been made in the progress of invention. The output of the cotton mills formed 12 per cent of the State total in 1914 as against 12.5 per cent in 1909.

Woolen and Worsted Goods (including Felt Goods). — During the semidecade, 1909 to 1914, there was absolute recession in this industry, the value of product, as of December, 1914, \$130,348,514, falling off \$10,316,520 from the figures five years earlier, when the total stood at \$140,665,034, a decline of 7.3 per cent. Similar decrease, 4.8 per cent, appears in the amount expended for materials, and, while the average number of wage earners employed was nearly stationary, — an absolute increase of 1,060 wage earners, or two per cent appearing, — the amount disbursed in wages increased 12.8 per cent over 1909. This is the third largest industry in the State measured both by product value and by average number of wage earners employed, and notwithstanding the decline above noted, the development since 1895 has been apparently more rapid than either Boots and shoes or Cotton goods, the percentage of gain in value of product in 19 years being 140.3 per cent in Woolen and worsted goods as against, respectively, 91.8 and 113.7 per cent in Boots and shoes and Cotton goods. This is true also of the amount paid in wages, which increased 116 per cent; of the average number of wage earners employed in the industry, which advanced 57.6 per cent; and of the cost of materials used, which increased 155 per cent.

In these three fundamental industries, Massachusetts, — although fifth among the States of the Union in Manufactures, being displaced for fourth position, in 1914, by the State of Ohio, — still holds her leadership, as the following comparisons of product values in 1914 show:

Boots and Shoes.	
Massachusetts,	\$200,529,858
New York,	67,288,809
Missouri,	40,311,210
New Hampshire,	37,664,039
Ohio,	32,773,922
Pennsylvania,	27,844,752

Cotton Goods.

Massachusetts,	. . . . .	\$195,481,626
North Carolina,	. . . . .	90,743,683
South Carolina,	. . . . .	78,446,145
Georgia,	. . . . .	59,982,008
Rhode Island,	. . . . .	43,267,662

Woolen and Worsted Goods (exclusive of felt goods).

Massachusetts,	. . . . .	\$127,351,434
Pennsylvania,	. . . . .	63,113,060
Rhode Island,	. . . . .	60,888,755
New Jersey,	. . . . .	35,738,853

Foundry and Machine-Shop Products. — For several years unusually depressing conditions have existed in this industry, the value of goods made exhibiting 1.5 per cent decrease during the half-decade ending in 1914 with a further decrease of 6.4 per cent in number of wage earners, 4 per cent in wages paid, and 0.6 per cent in the amount expended for materials used. Comparative figures for the 19-year period are not available, owing to differences in classification, but for the 15-year period, since 1899, the value of product increased 34.8 per cent, or at a rate of about $2\frac{1}{3}$ per cent per year. The number of wage earners increased in the 15 years only 15.4 per cent, the amount paid in wages 41.5 per cent, and the cost of materials used, 25.3 per cent.

Leather, tanned, curried, and finished. — The percentages of increase in this industry are with one or two exceptions generally lower for the half-decade ending in 1914 than for any previous five-year period, the average number of wage earners showing absolute decline as compared with 1909. The percentages of increase for the 19 years, as a whole, are similar to those for Boots and shoes, namely, 96 per cent in value of product; 42 and 72, respectively, in wage earners and wages; and 101 per cent in the cost of materials.

Electrical Machinery, Apparatus, and Supplies. — While this industry does not, as yet, fall into the same class as Boots and shoes, Cotton goods, and Woolen goods, each of whose products annually exceed \$100,000,000 in value, the development since 1895 has been by leaps and bounds and the per-

centages of gain unprecedented. From 1895 to 1899, the increase in output amounted to 80.9 per cent, rising from approximately six millions of dollars to \$10,490,000, while the next half-decade registered a further advance of 51 per cent. In the period, 1904 to 1909, the increase in output amounted to 77 per cent and at the end of 1914 the value of goods produced was \$43,869,294, or 656.7 per cent over 1895.

Paper and Wood Pulp. — The percentages of increase in this industry for the last half-decade, namely, eight in value of product; four and 15, respectively, in wage earners and wages; and 19 in cost of materials, are generally lower than for any other five-year period since 1899. For the five-year period, 1895 and 1899, decrease appeared in each of the elements considered.

Printing and Publishing. — This industry exhibits increase in volume of business of 18.4 per cent in 1914 as compared with 1909, accompanied by an increase in cost of materials used of 30.6 per cent, 3.6 per cent in average number of wage earners, and 13.5 per cent in wages paid.

Slaughtering and Meat Packing, including Sausage. — The gain in this industry in the semidecade ending in 1914 is greater than for any preceding five-year period since 1899, an increase of over 22 per cent in value of product and cost of materials appearing, accompanied by 7.7 per cent in average number of wage earners and of 16.6 per cent in amount of wages paid.

The data for these industries for the Census years are summarized as follows:

Boots and Shoes, exclusive of Cut Stock and Findings.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$104,576,501	—	—
1899,	117,115,243	\$12,538,742	12.0
1904,	144,391,426	27,176,183	23.2
1909,	187,045,767	42,754,341	29.6
1914,	200,529,858	13,484,091	7.2
Increase for the 19-year period,	—	95,953,357	91.8

(b) Stock and Materials.

1895,	\$62,940,538	—	—
1899,	75,751,964	\$12,811,426	20.4
1904,	88,493,009	12,741,045	16.8
1909,	114,277,189	25,784,180	29.1
1914,	120,325,680	6,048,491	5.3
Increase for the 19-year period,	—	57,385,142	91.2

(c) Wages Paid.

1895,	\$26,196,644	—	—
1899,	27,745,820	\$1,549,176	5.9
1904,	33,160,667	5,414,847	19.5
1909,	41,970,498	8,809,831	26.6
1914,	46,743,858	4,773,360	11.4
Increase for the 19-year period,	—	20,547,214	78.4

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	54,056	—	—
1899,	58,645	4,589	8.5
1904,	62,633	3,988	6.8
1909,	74,710	12,077	19.3
1914,	76,944	2,234	3.0
Increase for the 19-year period,	—	22,888	42.3

Cotton Goods, including Cotton Small Wares.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$92,345,983	—	—
1899,	111,125,175	\$18,779,192	20.3
1904,	130,068,982	18,943,807	17.0
1909,	186,462,313	56,393,331	43.4
1914,	197,322,111	10,859,798	5.8
Increase for the 19-year period,	—	104,976,128	113.7

(b) Stock and Materials.

1895,	\$47,497,934	—	—
1899,	54,889,045	\$6,891,111	14.5
1904,	80,267,952	25,878,907	47.6
1909,	105,156,794	24,888,842	31.0
1914,	119,834,334	14,677,540	14.0
Increase for the 19-year period,	—	72,336,400	152.3

(c) Wages Paid.

1895,	\$27,369,337	—	—
1899,	32,478,697	\$5,109,360	18.7
1904,	32,555,017	76,320	0.2
1909,	45,117,069	12,562,052	38.6
1914,	50,706,040	5,588,971	12.4
Increase for the 19-year period,	—	23,336,703	85.3

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	82,855	—	—
1899,	92,515	9,660	11.7
1904,	88,640	3,875 ¹	4.2 ¹
1909,	108,914	20,274	22.9
1914,	113,559	4,645	4.3
Increase for the 19-year period,	—	30,704	37.1

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$5,797,743	-	-
1899,	10,490,361	\$4,692,618	80.9
1904,	15,882,216	5,391,855	51.4
1909,	28,142,889	12,260,673	77.2
1914,	43,869,294	15,726,405	55.9
Increase for the 19-year period,	-	38,071,551	656.7

(b) Stock and Materials.

1895,	\$2,828,830	-	-
1899,	5,250,293	\$2,421,463	85.6
1904,	7,324,167	2,073,874	39.5
1909,	12,734,820	5,410,653	73.9
1914,	17,696,907	4,962,087	39.0
Increase for the 19-year period,	-	14,868,077	525.6

(c) Wages Paid.

1895,	\$1,620,175	-	-
1899,	2,714,440	\$1,094,274	67.5
1904,	5,003,190	2,288,741	84.3
1909,	8,209,174	3,205,984	64.1
1914,	10,651,133	2,441,959	29.7
Increase for the 19-year period,	-	9,030,958	557.4

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	3,236	-	-
1899,	5,202	1,966	60.8
1904,	8,798	3,596	69.1
1909,	14,507	5,709	64.9
1914,	17,125	2,618	18.0
Increase for the 19-year period,	-	13,889	429.2

Foundry and Machine-Shop Products.¹

(a) Product.

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	\$63,514,000	-	-
1904,	63,750,411	\$236,411	0.4
1909,	86,925,671	23,175,260	26.4
1914,	85,638,612	1,287,059 ³	1.5 ³
Increase for the 15-year period,	-	22,124,612	34.8

(b) Stock and Materials.

1895,	- ²	-	-
1899,	\$24,734,000	-	-
1904,	24,426,000	\$308,000 ³	1.2 ³
1909,	31,182,000	6,756,000	27.7
1914,	30,989,623	192,877 ³	0.6 ³
Increase for the 15-year period,	-	6,255,623	25.3

(c) Wages Paid.

1895,	- ²	-	-
1899,	\$19,870,000	-	-
1904,	20,834,000	\$964,000	4.9
1909,	27,032,000	6,198,000	29.7
1914,	28,117,771	1,085,771	4.0 ³
Increase for the 15-year period,	-	8,247,771	41.5

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	35,850	-	-
1904,	35,844	6 ³	.02 ³
1909,	44,179	8,335	23.3
1914,	41,361	2,818 ³	6.4 ³
Increase for the 15-year period,	-	5,511	15.4

¹ To conform with the Census classification, includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork and, in 1914, automobile repairing.

² Through changes in classification, comparable figures are not available for 1896.

³ Decrease.

Leather, Tanned, Curried, and Finished.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$23,068,400	-	-
1899,	26,067,714	\$2,999,314	13.0
1904,	33,352,999	7,285,285	27.9
1909,	40,002,079	6,649,080	19.9
1914,	45,265,434	5,263,355	13.2
Increase for the 19-year period,	-	22,197,084	96.2

(b) Stock and Materials.

1895,	\$16,489,120	-	-
1899,	19,793,757	\$3,304,637	20.0
1904,	23,040,897	3,247,140	16.4
1909,	28,765,508	5,724,611	24.8
1914,	33,194,061	4,428,553	15.4
Increase for the 19-year period,	-	16,704,941	101.3

(c) Wages Paid.

1895,	\$3,447,701	-	-
1899,	3,379,698	\$68,003 ¹	2.0 ¹
1904,	4,556,327	1,176,629	34.8
1909,	5,443,944	887,617	19.5
1914,	5,918,205	474,261	8.7
Increase for the 19-year period,	-	2,470,504	71.7

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	7,176	-	-
1899,	7,010	166 ¹	2.3 ¹
1904,	9,074	2,064	29.4
1909,	10,252	1,178	13.0
1914,	10,164	88 ¹	0.9 ¹
Increase for the 19-year period,	-	2,988	41.6

¹ Decrease.

Paper and Wood Pulp.**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$22,789,063	—	—
1899,	22,141,461	\$647,592 ¹	2.8 ¹
1904,	32,012,247	9,870,786	44.6
1909,	40,096,713	8,084,466	25.3
1914,	43,852,545	3,255,832	8.1
Increase for the 19-year period,	—	20,563,492	90.2

(b) Stock and Materials.

1895,	\$13,849,426	—	—
1899,	11,918,802	\$1,930,624 ¹	13.9 ¹
1904,	17,946,726	6,027,924	50.6
1909,	22,849,613	4,402,887	24.5
1914,	26,610,748	4,261,135	19.1
Increase for the 19-year period,	—	12,761,322	92.1

(c) Wages Paid.

1895,	\$4,086,941	—	—
1899,	3,938,400	\$148,541 ¹	3.6 ¹
1904,	5,587,862	1,649,462	41.9
1909,	6,541,636	953,774	17.1
1914,	7,548,620	1,006,984	15.4
Increase for the 19-year period,	—	3,461,679	84.7

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	9,760	—	—
1899,	9,061	699 ¹	7.2 ¹
1904,	11,705	2,644	29.2
1909,	12,848	1,143	9.8
1914,	13,401	553	4.3
Increase for the 19-year period,	—	3,641	37.3

¹ Decrease.

Printing and Publishing.¹**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	\$35,133,612	-	-
1904,	39,274,014	\$4,140,402	11.8
1909,	47,445,006	8,170,992	20.8
1914,	56,195,811	8,750,805	18.4
Increase for the 15-year period,	-	21,062,199	59.9

(b) Stock and Materials.

1895,	- ²	-	-
1899,	\$8,947,939	-	-
1904,	10,917,592	\$1,969,653	22.0
1909,	12,880,551	1,962,959	18.0
1914,	16,817,231	3,936,680	30.6
Increase for the 15-year period,	-	7,869,292	87.9

(c) Wages Paid.

1895,	- ²	-	-
1899,	\$8,606,813	-	-
1904,	9,064,044	\$457,231	5.3
1909,	11,683,634	2,619,590	28.9
1914,	13,266,309	1,582,675	13.5
Increase for the 15-year period,	-	4,659,496	54.1

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	14,899	-	-
1904,	15,112	213	1.4
1909,	17,532	2,420	16.0
1914,	18,170	638	3.6
Increase for the 15-year period,	-	3,271	22.0

¹ Embraces the following: Bookbinding and blank-book making; engraving, steel and copper plate, including plate printing; lithographing; printing and publishing, book and job; printing and publishing, music; printing and publishing, newspapers and periodicals.

² Comparable figures are not available.

Slaughtering and Meat Packing, including Sausage.**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	- ¹	-	-
1899,	\$32,343,950	-	-
1904,	38,012,208	\$5,668,258	17.5
1909,	44,402,972	6,390,764	16.8
1914,	54,446,687	10,043,715	22.6
Increase for the 15-year period,	-	23,102,737	68.3

(b) Stock and Materials.

1895,	- ¹	-	-
1899,	\$28,590,690	-	-
1904,	33,880,585	\$5,289,895	18.5
1909,	38,886,139	5,005,554	14.8
1914,	47,475,817	8,589,678	22.1
Increase for the 15-year period,	-	18,885,127	66.1

(c) Wages Paid.

1895,	- ¹	-	-
1899,	\$1,389,810	-	-
1904,	1,594,601	\$204,791	14.7
1909,	1,837,166	242,565	15.2
1914,	2,141,451	304,285	16.6
Increase for the 15-year period,	-	751,641	54.1

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	- ¹	-	-
1899,	2,874	-	-
1904,	3,027	153	5.3
1909,	3,325	298	9.8
1914,	3,582	257	7.7
Increase for the 15-year period,	-	708	24.6

¹ Comparable figures are not available.

Woolen and Worsted Goods (including Felt Goods).*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$54,236,708	—	—
1899,	72,972,297	\$18,735,589	34.5
1904,	99,313,895	26,341,598	36.1
1909,	140,665,034	41,351,139	41.6
1914,	130,348,514	10,316,520 ¹	7.3 ¹
Increase for the 19-year period,	—	76,111,806	140.3

(b) Stock and Materials.

1895,	\$32,550,925	—	—
1899,	44,542,334	\$11,991,409	36.8
1904,	62,777,588	18,235,254	40.9
1909,	87,296,605	24,519,017	39.1
1914,	83,077,423	4,219,182 ¹	4.8 ¹
Increase for the 19-year period,	—	50,526,498	155.2

(c) Wages Paid.

1895,	\$12,638,703	—	—
1899,	14,059,431	\$1,420,728	11.2
1904,	18,136,689	4,077,258	29.0
1909,	24,258,843	6,122,154	33.8
1914,	27,363,082	3,104,239	12.8
Increase for the 19-year period,	—	14,724,379	116.5

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	34,421	—	—
1899,	37,048	2,627	7.6
1904,	44,050	7,002	18.9
1909,	53,195	9,145	20.8
1914,	54,255	1,060	2.0
Increase for the 19-year period,	—	19,834	57.6

¹ Decrease.

The following table brings together the percentages of increase or decrease for six of the principal industries of the State for the 19 and the five-year periods, in comparison with similar percentages for the one-year period (1913-1914), since the canvass for these industries is complete each year, and the annual returns are, therefore, directly comparable with the Census totals; and also a table showing the growth of the population by five-year periods, since 1895, from which it appears that the increase in the number of wage earners employed in manufacturing industries is more than keeping pace with the increase in the number of inhabitants, although in some of these industries the progress of invention has apparently a tendency to make the rate of growth relatively less than is shown for All Industries, taken as a whole.

COMPARISONS FOR SIX PRINCIPAL INDUSTRIES.

Nineteen years. (1895-1914) Percentages of Increase.

ITEMS.	All Industries	Boots and Shoes	Cotton Goods, Including Cotton Small Wares	Woolen, Worsted, and Felt Goods	Electrical Machinery, Apparatus, and Supplies	Leather, Tanned, Curried, and Finished	Paper and Wood Pulp
Product,	123.4	91.8	113.7	140.3	656.7	96.2	90.2
Value of stock used, . .	129.4	91.2	152.3	155.2	525.6	101.3	92.1
Amount paid in wages, .	104.7	78.4	85.3	116.5	557.4	71.7	84.7
Average number of wage-earners.	58.6	42.3	37.1	57.6	429.2	41.6	37.3

Five years. (1909-1914) Percentages of Increase.

Product,	10.1	7.2	5.8	-7.3 ¹	55.9	13.2	8.1
Value of stock used, . .	12.1	5.3	14.0	-4.8 ¹	39.0	15.4	19.1
Amount paid in wages, .	13.3	11.4	12.4	12.8	29.7	8.7	15.4
Average number of wage-earners.	3.8	3.0	4.3	2.0	18.0	-0.9 ¹	4.3

One year. (1913-1914) Percentages of Decrease.

Product,	- ²	-7.4	-6.9	+6.4 ³	-19.4	-3.0	-10.4
Value of stock used, . .	-	-8.1	-6.8	+11.1 ³	-29.6	-4.5	-11.1
Amount paid in wages, .	-	-7.9	-4.6	+12.2 ³	-25.8	-3.6	-7.9
Average number of wage-earners.	-	-5.3	-2.0	+7.4 ³	-23.7	-1.5	-6.6

¹ Decrease.

² The figures for All Industries are not comparable.

³ Increase.

Population.

CENSUS YEAR.	Population	Increase	Per Cent of Increase
1895,	2,500,183	—	—
1900,	2,805,346	305,163	12.2
1905,	3,003,680	198,334	7.1
1910,	3,366,416	362,736	12.1
1915,	3,693,310	326,894	9.7
Increase for the 20-year period,	—	1,193,127	47.7

THE CITIES.

The aggregate value of product for the 33 cities of the State rose from \$1,087,396,052 in 1909 to \$1,217,496,216 in 1914 and exhibits an increase amounting to a little over \$130,000,000, or 11.9 per cent, slightly higher than that shown for the State as a whole for the five-year period. Gains are shown for each of 25 cities, but there are eight cities which show decline in product value during the half-decade, the most important falling off being in the city of *Lawrence* whose product in 1909 had registered nearly eighty millions of dollars, (\$79,992,668). In 1914, owing principally to the decline in the woolen goods industry the total was \$73,177,803, or a loss of about 8½ per cent, — in strong contrast to the preceding half-decade, 1904–1909, for which period there was a gain of 66.5 per cent. *Lowell*, owing also to the adverse conditions in the textile industries, shows decline of seven per cent in the five years ending December, 1914. The city of *Lynn* shows decrease for the semidecade of 2.4 per cent, due largely to decreased production in the boot and shoe industry. A slight decrease for the period is shown for *Chelsea*, — two-tenths of one per cent; a decline of 3.8 per cent in *Marlborough*, of 6.3 per cent in *Salem*; of 7.3 per cent in *Newton*; and of 11.5 per cent in *Melrose*.

Except for the increase in the industry *Printing and publishing*, there were no very important increases in the city of *Boston* during the five-year period. This, however, measured by product value, is the most important industry in the munici-

pality and presents an increase for the half-decade — all establishments being canvassed and full and complete returns being made in both years — of about \$5,228,000, the totals rising from \$28,021,168 in 1909 to approximately \$33,249,000, or a gain of about 19 per cent. A substantial increase is shown in *Foundry and machine-shop products*¹ for the half-decade, from \$13,474,000 to \$17,053,000; in *Confectionery*, from \$10,341,275 to \$14,795,919; in *Coffee and spice roasting and grinding*, a gain from \$5,307,987 to \$8,463,495. Although *Men's clothing* remained practically stationary, approximately 14 millions of dollars in both years, *Women's clothing* advanced from \$7,841,740 to \$9,608,758. Substantial gains are shown also for *Hosiery and knit goods* and for *Slaughtering and meat packing*. For All Industries the value of product rose from \$237,457,472 in 1909 to \$284,802,479 in 1914, the average number of wage earners rose from 69,637 in 1909 to 78,894 in 1914 a gain of 13 per cent, and the amount paid in wages rose from \$39,909,807 to \$49,444,277 or nearly 24 per cent.

Brockton in her principal industry, *Boots and shoes*, exhibits an advance of approximately eight per cent for the five years, from \$32,464,288 to \$35,032,665, but as a matter of fact there was absolute recession from the level reached in 1913 when the total stood at \$37,601,925. *Boot and shoe cut stock and findings* rose from \$6,828,830 in 1909 to \$9,089,460 in 1914.

Cambridge is rapidly assuming an increasingly important industrial position, and is indebted to Boston, from which city they removed, for some of her latest enterprises. Gains in the last half-decade appear for *Confectionery*, from \$1,909,771 in 1909 to \$3,285,724 in 1914; *Foundry and machine-shop products*,¹ from \$4,789,000 to \$5,333,000; *Printing and publishing* from \$3,368,000 to \$4,020,000. There are also several industries for which the totals cannot be given without disclosing the operations of individual establishments, but which contributed largely to her industrial welfare. The average number of wage earners, taking All Industries into the account, rose from 15,260 in 1909 to 16,749 in 1914 and the total amount paid in wages from \$8,365,454 to \$10,216,990.

¹ Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

In her most important industry, *Boots and shoes*, *Chelsea* maintained her position during the five-year period, the value of product rising from \$4,199,936 to \$5,466,898, or a gain of more than 30 (30.2) per cent, but the city as a whole, as has been stated, shows slight decline in 1914.

Fall River, taking all industries into the account, exhibits no remarkable activity, the value of goods for the five-year period ending in 1914 standing at \$64,663,146 as against \$64,145,726 in 1909. As compared with the year 1913, however, decline appears, product value in that year to the amount of \$65,221,733 being reported. The output in her principal industry, *Cotton goods, including Cotton small wares*, rose from \$48,576,114, 45 establishments reporting in 1909, to \$49,995,011 in 1914, 51 establishments reporting, an increase of less than three (2.9) per cent, and a decrease as compared with 1913, when the total in this industry was \$50,606,409.

Like *Fall River*, manufactures in the city of *Fitchburg* were also practically stationary, the total product value at the end of 1914, \$23,983,352, being practically identical with the total for 1909, \$23,252,155, and in two of her important industries, namely, *Cotton goods* and *Foundry and machine-shop products* a decline is shown, the product values falling, respectively, from \$5,412,633 to \$4,789,023 and from \$1,625,870 to \$1,253,506. As compared with 1913, a decline in value of product appears, an aggregate of \$24,831,346 being reported for that year.

Gloucester exhibits gain in her industries as a whole, \$7,753,463 in 1909 and \$8,533,964 in 1914, and also in her principal source of wealth, namely, *Canning and preserving fish*, the total increasing from \$4,531,062 in 1909 to \$4,906,580 in 1914.

Haverhill advanced in product value nearly 20 (19.9) per cent over 1909, the total for 1914 being \$42,409,246 as against \$35,376,617, the increase appearing in her principal industry, *Boots and shoes* with the allied products *Boot and shoe cut stock and findings*, for which the totals for 1914 were \$35,641,354 as against \$29,149,609 in 1909, although in this city as in *Brockton* and *Lynn* there was recession from the record for 1913 which for these industries stood at \$37,095,080.

Holyoke exhibits gain in her manufactures as a whole, \$44,041,155 in 1914 and \$40,097,224 in 1909 and also in the two

important sources of her industrial prosperity, *Paper and Paper goods*, the product for the former being \$13,178,525 and \$12,304,800 in 1914 and 1909, respectively, and for the latter, \$1,931,564 in 1914 as against \$1,086,854 in 1909. The average number of wage earners in All Industries increased from 16,513 in 1909 to 17,493 in 1914. In 1913 the establishments reporting had a product value aggregating \$45,904,797.

Lawrence shows decline for the city as a whole, of 8.5 per cent in 1914 as compared with 1909, and in two of her important industries, namely, *Woolen and worsted goods*, which fell from \$56,206,736 in the earlier year to \$51,584,497 in 1914 and in *Foundry and machine-shop products* which fell from \$1,720,443 to \$1,443,267. Manufactures of *Cotton goods, including Cotton small wares*, exhibits increase from \$6,825,500 in 1909 to \$7,143,127 in 1914.

Lowell, like *Lawrence*, exhibits decrease in the total output of her factories, from \$60,270,961 to \$56,048,641, the loss amounting to seven per cent in 1914. Losses are shown for nearly all of the industries appearing in Table Ib, pages 22 and 23, but particularly in her principal industries, the textiles, the decline in *Cotton goods, including Cotton small wares*, being from \$24,744,240 to \$23,178,333, and in *Woolen and worsted goods* from \$6,105,083 to \$3,923,754. *Foundry and machine-shop products* also shows decline, \$4,332,969 in 1909 and \$2,788,452 in 1914. The establishments reporting in 1913 had an aggregate product value of \$59,322,088.

Decline is shown for *Lynn* as compared with totals five years previously, when the value of goods made stood at \$71,503,140, the product for the year ending December, 1914, being only \$69,783,418. The value of her *Boots and shoes* and of the output of her tanneries decreased, the former from \$34,620,870 to \$30,066,815 or upwards of 13 per cent, and the latter from \$5,093,927 to \$3,848,671, or 24.4 per cent. Her output in *Boot and shoe cut stock and findings* increased, however, from \$12,038,839 to \$13,824,243, with an increase in the manufacture of *Lasts*, \$266,207 in 1909 and \$389,107 in 1914. The total product value registered for establishments reporting in 1913, higher than either 1909 or 1914, was \$78,947,766.

New Bedford, in happy contrast, exhibits general increase for

all industries, the total product rising from \$53,237,839 in 1909 to \$65,575,005 in 1914, or 23.2 per cent, her principal industry, *Cotton goods, including Cotton small wares*, advancing from \$42,505,007 to \$51,766,234, an increase of 21.8 per cent. New Bedford, five years ago, surpassed by both Fall River and Lowell, now leads those textile centres, the order in 1914, on the basis of product value, being New Bedford, \$65,575,005; Fall River, \$64,663,146; and Lowell, \$56,048,641. The aggregate for 1914 for the city as a whole, however, fell off from the 1913 level, which was \$69,466,482.

Newburyport presents increase in total output of 19 per cent in 1914; and, in her principal industry, *Boots and shoes*, increase from \$3,000,467 in 1909 to \$3,646,541 in 1914 is shown.

North Adams exhibits no special advance over 1909, the total manufactures being \$10,314,847 in that year as against \$10,922,575 in 1914.

Substantial increase appears for *Northampton*, from \$6,998,992 to \$8,580,730 or 22.6 per cent in five years, and a somewhat smaller gain for *Quincy* whose product rose from \$10,505,403 to \$12,097,452, or a gain of 15.2 per cent.

Pittsfield's gain over 1909 is one of the notable features of the 1914 Census, the total for All Industries in 1909 standing at \$15,215,202 and in 1914 at \$22,241,237, the gain of over 46 per cent being largely due to increased production in her electrical machinery industry, separate figures for which cannot be given because of there being but one establishment engaged in the industry. The product value reported in 1913, however, \$23,919,923, was greater than either 1909 or 1914.

Salem shows decline both as to her product value, as a whole, from \$14,576,276 in 1909 to \$13,652,586 in 1914, and in one of her principal industries, namely, *Boots and shoes*, from \$5,468,128 to \$4,665,750. Still further decline appears as compared with 1913, when a total product of \$17,344,566 was reported, the decrease being partly due to a disastrous fire which took place in that city during the Census year.

Somerville shows a substantial increase in total product as compared with 1909, from \$38,686,527 to \$43,971,291, an advance of 13.7 per cent, the gain being due in large measure to increased output in the slaughtering and meat packing indus-

tries, but recession as compared with 1913 is noted, a total of \$50,279,057 being reported for that year.

Springfield, with great diversification of industry, shows material gain over 1909, the total product rising from \$31,772,815 to \$44,428,854, or 39.8 per cent. In 1913, the value of product reported was \$43,509,139.

The totals for *Taunton* show little gain over 1909, \$15,379,821 to \$15,885,812. Increase appears for *Cotton goods*, from \$4,912,758 to \$5,379,096 or 9.5 per cent, but a decrease in the output of *Foundry and machine-shop products*, from \$2,042,146 to \$1,292,495. As compared with the 1913 level, \$16,282,425, *Taunton* exhibits decrease.

Waltham had substantial gain in All Industries from \$7,814,178 in 1909 to \$10,236,912 in 1914, the watch industry, for which the figures cannot be separately given, forming her chief source of industrial activity. But, if 1914 data be compared with the product for establishments reporting in 1913, \$11,571,080, a decline is noted.

Woburn shows only slight advance, \$5,408,081 in 1909 to \$5,517,806 in 1914, her principal source of wealth, *Leather tanned, curried, and finished*, showing almost no change over the total five years ago, — \$3,451,202 in 1914 as against \$3,415,105 in 1909, and there was decline for the city as a whole as compared with the aggregate for establishments reporting in 1913, when the amount was \$6,025,416.

In *Worcester*, taking account of all industries, the increase in 1914 over 1909 amounted to \$5,681,472 or 7.4 per cent. The gains, however, are inconsiderable and appear in her less important industries, including *Boots and shoes* which rose from \$2,322,138 to \$2,627,744. The value of product in *Foundries and machine-shops*, however, shows decline, as well as the output of her textile industries and there was also recession as compared with 1913 in which year the establishments reported a product value of \$89,707,793 as against \$82,829,356 in 1914.

A table with percentages of increase or decrease for cities, by Census years since 1895 is given, and also a comparison between 1914 and 1913 from which it appears that notwithstanding the more complete canvass in the later year, the totals in 21 out of 33 cities fail to reach the level of 1913.

THE 33 CITIES.

[Arranged in order of Product Value in 1914.]

CITIES.	VALUE OF PRODUCT					PER CENT OF INCREASE				
	1895	1899	1904	1909	1914	1899 over 1895	1904 over 1899	1909 over 1904	1914 over 1909	1914 over 1895
The State.	\$734,652,132	\$907,626,439	\$1,124,092,051	\$1,490,529,386	\$1,641,873,047	23.5	23.8	32.6	10.1	133.4
Boston, .	130,423,010	162,764,523	184,351,163	237,457,472	284,802,479	24.8	13.3	28.8	19.9	118.4
Worcester, .	34,771,192	46,793,372	52,144,965	77,147,884	82,829,356	34.6	11.4	47.9	7.4	138.2
Lawrence, .	26,389,131	41,741,980	48,036,593	79,992,668	78,177,803	58.2	15.1	66.5	8.5 ¹	177.3
Lynn, .	31,720,744	39,347,493	55,003,023	71,503,140	69,783,418	24.0	39.8	30.0	2.4 ¹	120.0
New Bedford, .	18,637,142	23,397,491	29,469,349	53,237,839	65,575,005	25.5	26.0	80.7	28.2	251.9
Fall River, .	32,320,351	39,102,710	43,473,105	64,145,726	64,663,146	21.0	11.2	47.6	0.8	100.1
Cambridge, .	34,246,041	29,092,103	42,407,064	44,227,395	57,483,949	15.0 ¹	45.8	4.3	30.0	67.9
Lowell, .	36,645,119	41,202,984	46,879,212	60,270,961	56,048,641	12.4	13.8	28.6	7.0 ¹	52.9
Brockton, .	20,462,248	24,855,362	37,790,982	45,972,388	51,259,131	21.5	52.0	21.6	11.5	150.5
Springfield, .	13,899,293	18,155,071	25,860,250	31,772,815	44,428,854	30.6	42.4	22.9	39.8	219.6
Holyoke, .	20,751,478	24,092,610	30,731,332	40,097,224	44,041,155	16.1	27.6	30.5	9.8	112.2
Somerville, .	14,113,045	20,064,519	22,955,197	38,686,527	43,971,291	42.2	14.4	68.5	13.7	211.6
Haverhill, .	19,125,053	23,418,790	24,446,594	35,376,617	42,409,246	22.5	4.4	44.7	19.9	121.7
Chicopee, .	6,280,298	5,388,930	7,715,653	19,219,166	28,869,152	14.2 ¹	43.2	149.1	50.2	359.7
Fitchburg, .	9,168,539	13,008,021	15,890,507	23,252,155	23,983,352	41.9	18.3	51.1	3.1	161.6
Pittsfield, .	5,289,984	5,753,546	8,577,358	15,215,202	22,241,237	8.8	49.1	77.4	46.2	320.4
Chelsea, .	8,140,290	9,518,700	13,879,159	17,002,492	16,971,028	16.9	45.8	22.5	0.2 ¹	108.5
Taunton, .	9,199,890	11,544,150	13,644,586	15,379,821	15,885,812	25.5	18.2	12.7	8.3	72.7
Salem, .	9,195,348	10,711,026	12,202,217	14,576,276	13,652,586	16.5	18.9	19.5	6.3 ¹	48.5
Everett, .	1,390,976	4,437,180	6,135,650	8,746,923	13,219,200	219.0	38.3	42.6	51.1	850.4
Quincy, .	3,055,338	3,011,950	8,982,446	10,505,403	12,097,452	1.4 ¹	198.2	17.0	15.2	295.9
North Adams, .	8,831,551	10,741,495	8,035,705	10,314,847	10,922,575	21.6	25.2 ¹	28.4	5.9	23.7
Waltham, .	4,199,361	5,889,792	7,149,697	7,814,178	10,236,912	40.3	21.4	9.3	31.0	143.8
Marlborough, .	5,278,915	4,498,385	7,468,849	10,382,277	9,983,632	14.8 ¹	66.0	39.0	8.8 ¹	89.1
Beverly, .	3,006,588	3,781,498	4,101,168	8,652,547	8,774,187	25.8	8.5	111.0	1.4	191.8
Northampton, .	3,913,385	4,706,820	5,756,381	6,998,992	8,580,780	20.3	22.3	21.6	22.6	119.3
Gloucester, .	4,733,479	6,292,772	6,920,984	7,753,463	8,533,964	32.9	10.0	12.0	10.1	80.3
Malden, .	6,542,307	6,602,462	11,235,635	8,205,852	8,366,344	0.9	70.2	27.0 ¹	2.0	27.9
Newburyport, .	4,732,423	5,140,554	6,809,979	6,931,049	8,245,998	8.6	32.5	1.8	19.0	74.2
Newton, .	3,304,066	3,679,273	4,140,996	6,278,714	5,822,853	11.4	12.5	51.6	7.3 ¹	76.2
Woburn, .	5,286,639	4,002,576	4,654,067	5,408,081	5,517,806	24.3 ¹	16.3	16.2	2.0	4.4
Medford, .	1,015,379	1,132,131	871,820	2,045,289	2,618,893	11.5	23.0 ¹	134.6	28.0	157.9
Melrose, .	2,857,582	3,416,240	9,450,929	2,824,669	2,499,029	19.6	176.6	70.1 ¹	11.5 ¹	12.5

¹ Decrease.

[Arranged in order of Product Value in 1914.]

CITIES.	1914	1913
Totals,	\$1,217,496,216	\$1,216,709,843
Boston,	284,802,479	252,222,872
Worcester,	82,829,356	89,707,793
Lawrence,	73,177,803	70,205,214
Lynn,	69,783,418	78,947,766
New Bedford,	65,575,005	69,466,482
Fall River,	64,663,146	65,221,733
Cambridge,	57,483,949	51,863,096
Lowell,	56,048,641	59,322,088
Brockton,	51,259,131	53,480,638
Springfield,	44,428,854	43,509,139
Holyoke,	44,041,155	45,904,797
Somerville,	43,971,291	50,279,057
Haverhill,	42,409,246	43,671,548
Chicopee,	28,869,152	31,126,691
Fitchburg,	23,983,352	24,831,346
Pittsfield,	22,241,237	23,919,923
Chelsea,	16,971,028	16,167,466
Taunton,	15,885,812	16,282,425
Salem,	13,652,586	17,344,566
Everett,	13,219,200	11,603,469
Quincy,	12,097,452	12,922,051
North Adams,	10,922,575	10,324,309
Waltham,	10,236,912	11,571,080
Marlborough,	9,983,632	9,481,706
Beverly,	8,774,187	7,536,281
Northampton,	8,580,730	8,664,096
Gloucester,	8,533,964	8,211,735
Malden,	8,366,344	7,866,779
Newburyport,	8,245,998	8,597,144
Newton,	5,822,853	5,295,231
Woburn,	5,517,806	6,025,416
Medford,	2,618,893	2,633,117
Melrose,	2,499,029	2,502,289

METROPOLITAN BOSTON.

The data for Metropolitan Boston are given in Table I c, pages 32 to 39. The total value of product for 1914, a full and complete canvass of the industries being taken, was \$584,115,582, and the relative position of the first five cities in importance in 1909 did not change for the semidecade ending in 1914, namely, *Boston*; *Lynn*; *Cambridge*; *Somerville*; and *Chelsea*; — the sixth place was held by the town of *Watertown*, both in 1914 and 1909; *Everett* and *Quincy* exchanged places, seventh and eighth, respectively; and *Waltham* and *Malden* exchanged places, ninth and tenth, respectively, while the towns of *Weymouth* and *Wakefield*, next in order in 1914, surpassed in product value and amount paid in wages the cities of *Newton* and *Woburn*.

Boston advanced in product value approximately 20 per cent during the five-year period, the rate being somewhat slower than for the preceding half-decade, 1904 to 1909 (28.8 per cent), while *Lynn*, second city in importance, shows absolute loss in the value of goods produced of nearly \$2,000,000, or about two and one-half per cent. A slight loss is shown for *Chelsea*, and a decline of 7.3 and 11.5 per cent, respectively, for the cities of *Newton* and *Melrose*. Of the important industrial cities, *Cambridge* shows the greatest gain in the five-year period, upwards of \$13,000,000 or 30 per cent. Gains are also shown for *Everett* and *Waltham* of 51 and 31 per cent, respectively, as against an advance of 43 and nine per cent, respectively, in the preceding half-decade. *Quincy* shows an increase of 15 per cent as against 17 per cent in the period 1904 to 1909. The towns of *Weymouth* and *Braintree* show advance of 24.5 and 29.4 per cent, respectively, as against 34.6 and 46.4 per cent, respectively, in the semidecade ending in 1909, while substantial increase in 1914 is shown for the town of *Canton*, 96 per cent as compared with 1909.

As regards comparisons with the year 1913, *Boston* exhibited a value of product of \$252,222,872 and \$284,802,479 in 1914. This city, however, having its product value increased in 1914 by the inclusion of the complete industries *Printing and publishing*, of which it is the principal center, and also by the

value of product in *Gas (illuminating and heating)*, which industries, as already stated, were not covered in the 1913 canvass, — the apparent increase shown in 1914 should not be attributed to extended production in that year.

Of the cities in the Metropolitan District, other than Boston, *Cambridge* and *Everett* show higher product value in 1914 than in the previous year. Gains, inconsiderable in amount are also shown for *Chelsea*, *Malden*, and *Newton*. On the other hand, as compared with 1913, absolute recession is shown for the city of *Woburn* in both value of product and cost of materials used. Similar conditions are shown for *Lynn*, *Somerville*, *Medford*, *Melrose*, and *Quincy*.

Of the principal industries within the area, *Boots and shoes*, which contributed nearly \$66,000,000 to the output of the Metropolitan District in 1913, fell to \$61,322,454 in 1914, while for the allied products, *Boot and shoe cut stock and findings*, the amounts were practically identical, \$30,015,043 in 1914 as against \$29,992,718 in 1913. The *Men's clothing* industry shows a decline of about \$2,000,000 in 1914 as compared with the previous year, falling from 16 to 14 millions of dollars, the value of *Women's clothing* remaining practically stationary, \$10,672,907 in 1913 and \$10,881,225 in 1914. *Electrical machinery, apparatus, and supplies* fell off more than one-fourth in production, or from \$34,328,911 in 1913 to \$25,346,354 in 1914. *Foundry and machine-shop products*¹ shows decline from \$29,575,315 in 1913 to \$26,577,736 in 1914, and *Slaughtering and meat packing* fell from \$45,610,052 to \$41,866,338. The only important industries showing gains are *Confectionery*, which increased in product value from \$17,991,321 in 1913 to \$18,368,949 in 1914, and *Leather, tanned, curried, and finished*, which exhibits the slight increase from \$12,116,985 in 1913 to \$12,242,772 in 1914.

The *Printing and publishing* industry, excluding newspapers and periodicals, reported a product value of \$10,144,012 in 1913. For 1914, the total was upwards of \$35,000,000, nearly \$20,000,000 of which was returned from establishments engaged in the printing and publishing of newspapers and periodicals.

¹ In accordance with the grouping of the Federal Census office, the following industries are included: Foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

It is apparent, therefore, that but for this additional \$20,000,000 in *Printing and publishing (newspapers and periodicals)* and the \$8,524,168 contributed by the industry *Gas, illuminating and heating*, the Metropolitan District, as a whole, would have shown absolute decline in 1914 as compared with the record of the previous year which, without these industries, amounted to \$560,390,104.

The data for value of product, with percentages of increase or decrease for the Census years, are given in the following table.

METROPOLITAN BOSTON, 1895-1914.

[Arranged in order of Product Value in 1914.]

CITIES AND TOWNS.	VALUE OF PRODUCT				PER CENT OF INCREASE			
	1895	1904	1909	1914	1904 over 1895 (9 years)	1909 over 1904 (5 years)	1914 over 1909 (5 years)	1914 over 1895 (19 years)
Metropolitan Boston.	3372,150,680	6418,903,402	6510,583,337	6584,115,582	53.9	21.9	14.4	114.6
Boston,	.	.	.	.	.	.	.	.
Lynn,	130,423,010	184,351,163	237,457,472	284,802,479	41.3	28.8	19.9	118.4
Cambridge,	31,720,744	55,003,023	71,503,140	69,783,418	73.4	30.0	2.4 ¹	120.0
Somerville,	34,246,041	42,407,064	44,227,395	57,483,949	23.8	4.3	30.0	67.9
Chelsea,	14,113,045	22,955,197	38,686,527	43,971,291	62.7	68.5	13.7	211.6
Watertown,	8,140,290	13,879,159	17,002,492	16,971,028	70.5	22.5	0.2 ¹	108.5
Everett,	2,617,160	15,524,675	11,545,555	14,764,326	493.2	25.6 ¹	27.9	464.1
Quincy,	1,390,976	6,135,650	8,746,923	13,219,200	341.1	42.6	51.1	850.4
Waltham,	3,055,338	8,982,446	10,505,403	12,097,452	194.0	17.0	15.2	295.9
Malden,	4,199,361	7,149,697	7,814,178	10,236,912	70.3	9.3	31.0	143.8
Weymouth,	6,542,307	11,235,635	8,205,852	8,366,344	71.7	27.0 ¹	3.0	27.9
Wakefield,	4,732,718	4,921,955	6,627,168	8,251,041	4.0	34.6	24.5	74.3
Newton,	2,705,892	4,807,728	5,527,102	6,057,659	77.7	15.0	9.6	123.9
Woburn,	3,304,066	4,140,996	6,278,714	5,822,853	25.3	51.6	7.3 ¹	76.2
Winchester,	5,286,639	4,654,067	5,408,081	5,517,806	12.0 ¹	16.2	2.0	4.4
Braintree,	2,153,657	3,180,821	4,094,684	5,159,479	47.7	28.7	26.0	139.6
Canton,	1,415,270	2,433,576	3,562,147	4,608,791	72.0	46.4	29.4	225.6
	1,954,863	1,713,457	1,633,804	3,201,761	12.3 ¹	4.6 ¹	96.0	63.8

MEDFORD,	1,015,379	871,820	2,045,289	2,618,893	14.1 ¹	134.6	28.0	157.9
MELROSE,	2,857,582	9,450,929	2,824,669	2,499,029	230.7	70.1 ¹	11.5 ¹	12.5 ¹
STONEHAM,	2,228,886	2,948,031	3,247,645	2,481,775	32.3	10.2	23.6 ¹	11.3
NEEDHAM,	577,230	688,024	1,432,240	1,914,023	19.2	108.2	33.6	231.6
BROOKLINE,	1,064,107	732,845	532,303	658,502	31.1 ¹	27.4 ¹	23.7	38.1 ¹
ARLINGTON,	290,531	498,208	695,356	641,092	69.8	41.0	7.8 ¹	120.7
WELLESLEY,	445,108	349,570	606,586	627,240	21.5 ¹	73.5	3.4	40.9
DEDHAM,	556,014	1,326,665	669,069	427,690	138.6	50.0 ¹	36.1 ¹	23.1 ¹
BELMONT,	61,667	94,433	109,247	387,443	53.1	15.7	254.6	528.3
REVERE,	182,834	355,060	407,336	349,696	94.2	14.7	14.2 ¹	91.3
LEXINGTON,	112,599	160,440	303,224	336,343	42.5	89.0	10.9	198.7
MILTON,	216,975	309,135	413,457	176,742	42.5	33.7	57.3 ¹	18.5 ¹
HINGHAM,	- ²	- ²	213,415	166,756	-	-	21.9 ¹	-
WINTHROP,	39,675	23,516	42,168	77,994	40.7 ¹	79.3	85.0	96.6
SAUGUS,	638,377	408,057	590,799	70,645	36.1 ¹	44.8	88.0 ¹	88.9 ¹
SWAMPSCOTT,	65,537	75,203	35,276	54,802	14.7	53.1 ¹	55.4	16.4 ¹
HYDE PARK,	3,491,622	6,739,307	7,336,084	- ³	93.0	8.9	-	-
WESTWOOD,	- ⁴	- ⁴	7,106	- ³	-	-	-	-
Other towns,	\$65,342 ⁵	400,850 ⁶	245,441 ⁷	311,123 ⁸	-	-	-	-

¹ Decrease.
² Included in other towns.
³ Included in Boston, to which city it was annexed in 1912.
⁴ Part of Dedham.
⁵ Includes Dover, Weston, and Hingham. There were no manufacturing establishments in Cohasset, Hull, and Nahant.
⁶ Includes Cohasset, Dover, Hingham, Hull and Weston. There were no manufacturing establishments in Nahant.
⁷ Includes Cohasset, Dover, Hull, Nahant, and Weston.
⁸ Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

THE TOWNS.

The aggregate value of product for the towns of the State in 1914 was \$423,876,831, exhibiting an increase in the half-decade since 1909, — the total for that year being \$403,133,334, — of \$20,743,497, or a little over five (5.1) per cent. The towns of the State in 1913, however, notwithstanding the restricted canvass in that year, reported a product value of \$442,019,020, \$18,142,189 in excess of the subsequent census total. Absolute decline appears for the average number of wage earners as compared with the years 1909 and 1913, respectively, 170,122 and 172,243, as against 167,868 in 1914.

Peabody ranks first among the towns of the State in manufactures, and also has the distinction of being the chief center of the leather tanning and finishing industry in the country. The product value in 1914 for All Industries was \$18,441,906 as against \$15,548,732 in 1909. *Attleborough* and *North Attleborough*, centers of the jewelry industry in Massachusetts, had a combined product in 1914 of \$18,814,609, exhibiting absolute decrease over the product five years ago which was \$21,580,407, and over the product value reported for 1913 which amounted to \$23,187,661. *Plymouth*, associated with the manufacture of Cordage and twine, exhibited a total product of \$13,904,545, as against \$11,618,020 in 1909, and a decline as compared with 1913, when the product value reported was \$14,374,254. The town of *Leominster*, practically stationary, had a product value of \$10,838,024 in 1914 as against \$10,530,815 in 1909. In 1913, the total value of product registered was \$10,072,551. The value of product in *Watertown*, exclusive of the work done at the United States Arsenal, rose from \$11,545,555 in 1909 to \$14,764,326 in 1914, or an increase of 27.9 per cent, but as compared with 1913 a decline appears, the value of product registered in that year being \$15,153,987. The towns of *Norwood* and *Easthampton* are the only other municipalities having a product value in excess of \$10,000,000 in 1914, and of these the town of *Norwood*, where leather tanning and finishing and the manufacture of paper are the principal industries, shows a substantial increase in the last half-decade, the product in 1914 being \$10,897,834 as against

\$5,005,783 in 1909. *Easthampton*, whose textile industries are of chief importance, shows a product value in 1914 of \$10,019,360 as against \$8,466,082 in 1909.

CHARACTER OF OWNERSHIP.

Table II, pages 48 to 51, gives data regarding character of ownership for 20 selected industries and for All Industries, from which it appears that the great bulk of the manufacturing business of the State is carried on under the corporate form of management and that the tendency is towards still further consolidation. Of the total output in 1914, \$1,641,373,047, 82 per cent, or more than four-fifths, was produced in establishments operated by corporations, as against 79.4 per cent five years ago and these corporations employed 82.9 per cent of the total number of wage earners in 1914, as against 80.1 per cent in 1909. Establishments conducted under individual ownership had seven per cent of the wage-earners and produced seven per cent of the total output, or \$117,430,275, in 1914, — while partnerships and other forms of business management produced a slightly larger amount, \$174,131,395, — 10.6 per cent of the total output, — and employed 9.8 per cent of the wage-earners in manufacturing industries in 1914.

The *value added by manufacture*, shown in the last column of the table, is obtained by deducting, from the gross product, the value of stock and materials used. In other words, it is the result of the combination of three factors, namely, — the amount of capital invested, the amount disbursed in wages, and the amount paid for management. This *added value*, in 1914, for All Industries, was \$709,989,254. The rank of the leading industries, measured by *added value*, somewhat different from their rank measured by *gross value*, is as follows:

<i>Added Value.</i>	<i>Gross Value.</i>
1. Boots and shoes.	1. Boots and shoes.
2. Cotton goods, including cotton small wares.	2. Cotton goods, including cotton small wares.
3. Foundry and machine-shop products.	3. Woolen and worsted goods, including felt goods.
4. Woolen and worsted goods, including felt goods.	4. Foundry and machine-shop products.
5. Printing and publishing.	5. Printing and publishing.
6. Electrical machinery, apparatus, and supplies.	6. Slaughtering and meat packing.
7. Paper and wood pulp.	7. Leather, tanned, curried, and finished.
8. Leather, tanned, curried, and finished.	8. Electrical machinery, apparatus, and supplies.
	9. Paper and wood pulp.

It will be noted that the rank of Boots and shoes and Cotton goods, measured by *added value*, is unchanged, first and second, respectively. Foundry and machine-shop products and Woolen and worsted goods exchanged places, third and fourth, respectively; Electrical machinery, apparatus, and supplies rises from eighth to sixth position; and Paper and wood pulp displaces Leather, tanned, curried, and finished, for while the gross value of product is similar, \$43,352,545 and \$45,265,434, respectively, the *added value* in the paper industry is \$16,741,797 and only \$12,071,373 in Leather. The *added value* in Printing and publishing, fifth in rank, was \$39,377,000, but this is due to the necessarily high overhead charge for educational work, peculiar to the industry, which must be paid for in the form of salaries; and, as previously stated, to the relatively large amount received for advertising. Slaughtering and meat packing loses rank as a *leading* industry and falls to 21st place among the industries of the State.

The value added by manufacture formed about 60 per cent of the total output in both Foundry and machine-shop products and Electrical machinery, apparatus, and supplies, indicating the importance of the labor factor in these industries and the relatively less important position of the cost of stock and materials used. In Boots and shoes and Cotton goods the added value is approximately 40 per cent of the total; in Paper and wood pulp, 38.6 per cent; in Woolen and worsted goods, 36.3 per cent; and in Leather, tanned, curried, and finished, 26.6 per cent.

EMPLOYMENT: BY MONTHS.

The average number of wage-earners in All Industries in 1914 as shown in Table I a, pages 2-10, aggregated 606,698. On January 15, 1914, 626,776 wage-earners were reported, the number increasing to 628,535 in February and attaining the maximum, 633,583 in March. From this point, the curve of employment tends continuously downward, until, in the month of August, at the outbreak of the European War, 588,703 wage-earners appear, a decline as compared with the maximum shown in March, of 44,880, or a little over seven per cent. A very slight recovery appears for September and October but a decline again in November, lower than before, while the month of

December, 1914, with 580,489 wage-earners, exhibits the greatest variation from the maximum, and consequently the greatest percentage of unemployment during the Census year, and greater also than for any year since the industrial depression of 1908, as appears from the chart opposite page xliv.

For *Boots and shoes*, the maximum of employment appears in the month of January, 82,818 wage earners employed, the percentages of decline ranging from 0.2 per cent in February to 10.6 in September, and in October the lowest point for the year was reached, the number employed on the 15th of that month, 72,023, being about 87 per cent of the maximum, or equivalent to 13 per cent of unemployment, and showing only a slight tendency to recovery up to December, when there were 75,478 wage earners employed.

For *Cotton goods, including Cotton small wares*, January being the month of maximum employment, 118,455, the curve of employment tends steadily downward through each month of the year, the lowest point being reached in August, 109,008, with about eight per cent of unemployment and only partial recovery in the last quarter, ending in December with the employment of 110,634 wage-earners.

In *Woolen and worsted goods*, on the contrary, beginning in January with 51,610 wage earners, increase is shown for each month, the maximum appearing in April, 57,036, continuing at a fairly high level until the month of December when a sharp drop to 47,187 wage-earners appears, equivalent to 17 per cent of unemployment.

The industry *Paper and wood pulp* exhibits fairly regular employment throughout the year, the fluctuations from the maximum, 13,658 wage earners, being but slight, and exhibiting corresponding percentages of unemployment ranging from less than one per cent in March to a little over four per cent in August.

Leather, tanned, curried, and finished, shows maximum employment in February, 10,931 wage earners, and minimum in August, 9,197 wage earners, or approximately 16 per cent of unemployment. As in the other industries, greater fluctuations appear during the last six months than for the earlier half of the year, with improvement in conditions during November and December.

Employment in the industry *Electrical machinery, apparatus, and supplies* ranged from 18,644 wage earners in January, the month of maximum employment, to 15,126 in December, in which month employment was only 81 per cent of the maximum. Employment in this industry fell off appreciably below the level of 1913, when the maximum was 23,473 and the minimum 20,324.

CLASSIFIED WEEKLY WAGES.

Table IV, pages 62 to 103, presents classified weekly wages for 1914. This inquiry was not included in the scope of the Census schedule, but was considered sufficiently important to be taken up by separate canvass by the Massachusetts Bureau in order to preserve the continuity of the reports from year to year and to supply information upon a subject which is of general interest. The data were reported, generally, for the week of greatest employment and for All Industries relate to 630,186 wage-earners, of whom, 411,115, or 65.2 per cent were adult males; 175,134, or 27.8 per cent, adult females; and 43,937, or seven per cent, young persons under 18 years of age. Considering each of these numbers as 100 per cent, we find that *of the adult males* (411,115) 31,202 wage-earners, or 7.5 per cent were paid rates less than \$8 per week; 226,931 wage-earners, or 55.2 per cent were paid rates between \$8 and \$15; and 152,982 wage-earners, or 37.3 per cent, were paid \$15 and over. The corresponding percentages for the year 1913 were 8.2, 56.7, and 35.1, respectively. *Of the adult females* (175,134) 64,809, or 36.9 per cent were paid rates less than \$8 per week; 102,905, or 58.8 per cent between \$8 and \$15; and 7,420, or 4.3 per cent \$15 and over. The corresponding percentages for 1913 were 39.9, 56.1, 4.0, respectively. *Of the young persons under 18 years of age* in All Industries (43,937) 35,605, or 81.1 per cent were paid rates less than \$8 per week; 8,193, or 18.6 per cent between \$8 and \$15; and 139, or 0.3 per cent \$15 and over. Bringing together the figures for the leading industries, and for All Industries, reduced to percentages, and divided into three main groups, namely, under \$8, \$8 to \$15, and \$15 and over, considered for convenience of reference as low, medium, and high, we have the following:

UNEMPLOYMENT

IN MANUFACTURING INDUSTRIES
DEVIATION FROM THE MAXIMUM EMPLOYMENT

1907 1908 1909 1910 1911 1912 1913 1914

~~Per~~
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

ALL INDUSTRIES.				Electrical Machinery, Apparatus, and Supplies.			
YEARS.	PERCENTAGES			YEARS.	PERCENTAGES		
	Wages under \$8 (Low)	\$8 to \$15 (Medium)	\$15 and over (High)		Wages under \$8 (Low)	\$8 to \$15 (Medium)	\$15 and over (High)
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (446,530), .	8.2	56.7	35.1	1913, (18,446), .	2.9	50.4	46.7
1914, (411,115), .	7.5	55.2	37.3	1914, (12,929), .	3.4	51.6	45.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (189,743), .	39.9	56.1	4.0	1913, (3,065), .	37.4	61.9	0.7
1914, (175,134), .	36.9	58.8	4.3	1914, (2,638), .	36.7	62.5	0.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (57,298), .	82.6	17.2	0.2	1913, (2,400), .	76.7	21.7	1.6
1914, (43,937), .	81.1	18.6	0.3	1914, (1,793), .	47.0	50.6	2.4
Boots and Shoes.				Leather Tanned, Curried, and Finished.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (56,520), .	5.2	39.6	55.2	1913, (11,618), .	5.0	71.0	24.0
1914, (50,158), .	4.2	40.6	55.2	1914, (10,124), .	5.4	71.0	23.6
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (29,201), .	20.0	66.5	13.5	1913, (171), .	47.9	52.1	-
1914, (25,044), .	17.9	69.1	13.0	1914, (166), .	62.1	34.9	3.0
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (6,828), .	76.9	22.6	0.5	1913, (247), .	65.6	34.4	-
1914, (4,847), .	74.4	25.0	0.6	1914, (143), .	67.1	32.9	-
Cotton Goods.				Paper and Wood Pulp.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (59,550), .	24.5	64.1	11.4	1913, (10,281), .	0.9	75.3	23.8
1914, (53,150), .	22.9	64.5	12.6	1914, (10,026), .	0.7	74.3	25.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (48,717), .	37.9	61.8	0.3	1913, (4,438), .	60.1	39.7	0.2
1914, (42,325), .	35.4	64.2	0.4	1914, (4,374), .	56.2	43.0	0.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (13,676), .	79.8	20.2	-	1913, (471), .	77.1	22.9	-
1914, (10,062), .	82.1	17.9	-	1914, (287), .	57.9	35.1	7.0
Foundry and Machine-Shop Products.¹				Woolen and Worsted Goods.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (49,052), .	4.0	54.7	41.3	1913, (32,552), .	11.6	69.6	18.8
1914, (40,098), .	3.8	52.6	43.6	1914, (30,442), .	14.2	67.0	18.8
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (869), .	52.4	45.7	1.9	1913, (20,486), .	41.1	56.0	2.9
1914, (927), .	36.8	56.7	6.5	1914, (20,519), .	39.1	57.2	3.7
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (1,947), .	80.5	19.5	-	1913, (7,339), .	83.7	16.2	0.1
1914, (1,213), .	77.3	22.1	0.6	1914, (6,399), .	84.2	15.8	-

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

From an examination of the foregoing data, it is apparent that the proportion of wage earners in the high wage group is fairly constant, and that, while there is much mobility between the low and the medium wage groups, there is an increasing tendency towards smaller percentages in the low wage classes and correspondingly higher percentages in the classes paid the medium rates. For young persons under 18 years of age, \$5 to \$6 and \$6 to \$7 are the rates most frequently recurring, the wage-earners being necessarily beginners, often working 48 hours or less per week. The greatest variation in percentages is shown for the industry Electrical machinery, apparatus, and supplies, in which the proportion of young persons in the medium wage group rose from 21.7 per cent in 1913 to 50.6 per cent in 1914, a correspondingly smaller proportion, 47 per cent, being in the low wage group as against 76.7 in the preceding year.

The percentages in detail, based on the figures in Table IV, pages 62 to 103, for wage classes under \$3 to \$25 and over, for 1914, are given for seven of the principal industries and for All Industries as follows:

Cotton Goods.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Totals,	104,510	35	547	2,019	5,108	10,658	16,573	17,226	14,355	10,601	7,751	5,987	3,674	3,103	2,640	1,844	976	511	359	538
Per cent,	100	1	0.5	1.9	4.9	10.3	16.9	16.5	13.7	10.3	7.4	5.7	3.5	3.0	2.5	1.8	0.9	0.5	0.4	0.5
Males (18 years and over),	52,781	-	21	183	823	3,212	7,814	7,812	6,295	5,354	4,607	4,210	2,999	2,790	2,502	1,785	969	508	359	538
Per cent,	100	-	1	0.4	1.6	6.1	14.8	14.8	11.9	10.1	8.7	8.0	5.7	5.3	4.7	3.4	1.8	1.0	0.7	1.0
Females (18 years and over),	41,847	5	123	499	2,075	5,126	6,956	8,491	7,539	5,042	3,052	1,747	671	316	136	59	7	3	-	-
Per cent,	100	1	0.3	1.3	5.0	13.3	16.6	20.3	18.0	12.0	7.3	4.8	1.6	0.8	0.3	0.1	1	1	-	-
Young persons (under 18 years of age),	9,882	30	403	1,337	2,310	2,320	1,803	923	521	205	92	30	4	2	2	-	-	-	-	-
Per cent,	100	0.3	4.1	13.5	23.4	23.5	18.3	9.3	5.3	2.1	0.9	0.3	1	1	1	-	-	-	-	-

Electrical Machinery, Apparatus, and Supplies.

Totals,	17,360	9	14	126	554	715	833	1,342	1,912	1,351	1,064	1,163	1,314	1,089	1,213	2,401	1,161	543	358	198
Per cent,	100	1	0.1	0.7	3.3	4.1	4.8	7.7	11.0	7.8	6.1	6.7	7.6	6.3	7.0	13.8	6.7	3.1	2.1	1.3
Males (18 years and over),	12,929	-	1	4	80	127	227	424	1,078	954	833	1,067	1,270	1,053	1,184	2,380	1,148	543	358	198
Per cent,	100	-	1	1	0.6	1.0	1.8	3.3	8.3	7.4	6.4	8.3	9.8	8.1	9.3	18.4	8.9	4.3	2.8	1.5
Females (18 years and over),	2,638	8	5	43	254	322	337	452	562	324	188	76	26	21	16	3	1	-	-	-
Per cent,	100	0.3	0.3	1.6	9.6	12.3	12.8	17.1	21.3	12.5	7.1	2.9	1.0	0.8	0.6	0.1	0.1	-	-	-
Young persons (under 18 years of age),	1,793	1	8	79	230	266	269	466	272	73	43	20	18	15	13	18	12	-	-	-
Per cent,	100	0.1	0.4	4.4	13.3	14.8	15.0	26.0	15.3	4.1	2.4	1.1	1.0	0.8	0.7	1.0	0.7	-	-	-

Foundry and Machine-Shop Products.

Totals,	.	.	.	.	.	. .		6	38	180	522	935	1,134	2,561	3,762	3,438	3,184	3,764	3,251	1,927	3,301	4,265	4,980	2,272	1,488	1,230
Per cent.	.	.	.	.	.	.	100	1-	0.1	0.4	1.3	2.2	2.7	6.1	8.9	8.2	7.5	8.9	7.7	4.6	7.3	10.1	11.3	5.4	3.5	3.9
Males (18 years and over),	.	.	.	.	.	.	40,008	-	2	45	166	525	798	2,257	3,556	3,321	3,126	3,701	3,220	1,912	3,265	4,253	4,973	2,265	1,486	1,227
Per cent.,	.	.	.	.	.	.	100	-	1-	0.1	0.4	1.3	2.0	5.6	8.9	8.3	7.8	9.3	8.0	4.8	8.1	10.6	12.4	5.7	3.7	3.1
Females (18 years and over),	.	.	.	.	.	.	927	-	2	11	88	121	119	163	130	87	44	55	29	13	35	10	6	4	2	3
Per cent.,	.	.	.	.	.	.	100	-	0.3	1.3	9.5	13.1	12.8	13.1	14.0	9.4	4.8	5.9	3.1	1.4	3.3	1.1	0.7	0.4	0.3	0.3
Young persons (under 18 years of age),	.	.	.	.	.	.	1,213	6	34	124	263	289	217	136	76	30	14	8	2	2	1	2	1	3	-	-
Per cent.,	.	.	.	.	.	.	100	0.5	2.8	10.3	22.1	23.8	17.9	11.3	6.3	2.5	1.1	0.6	0.3	0.3	0.1	0.3	0.1	0.3	-	-

Leather, Tanned, Curried, and Finished.

[illegible]

Less than one-tenth of one per cent.

Paper and Wood Pulp.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Totals,	14,687	-	16	39	157	1,413	1,071	1,053	2,183	2,338	1,239	1,555	659	403	569	547	796	319	192	138
Per cent,	100	-	0.1	0.3	1.1	9.6	7.3	7.3	14.9	15.9	8.4	10.6	4.5	2.7	3.9	3.7	5.4	2.2	1.3	0.9
Males (18 years and over),	10,026	-	1	1	10	12	51	82	1,518	2,185	1,153	1,482	644	384	562	522	774	317	190	138
Per cent,	100	-	1	1	0.1	0.1	0.5	0.8	15.3	21.8	11.5	14.8	6.4	3.8	5.6	5.3	7.7	3.2	1.9	1.4
Females (18 years and over),	4,374	-	11	34	133	1,308	949	949	637	123	80	62	14	16	5	21	10	-	2	-
Per cent,	100	-	0.3	0.8	3.0	29.9	21.7	21.7	14.6	2.8	1.3	1.4	0.3	0.4	0.1	0.5	0.3	-	1	-
Young persons (under 18 years of age),	287	-	4	4	14	98	51	22	28	30	6	11	1	3	2	4	12	2	-	-
Per cent,	100	-	1.4	1.4	4.9	34.4	17.8	7.7	9.8	10.4	2.1	3.8	0.3	1.0	0.7	1.4	4.2	0.7	-	-

Printing and Publishing.

Totals,	16,788	26	89	465	738	1,248	1,014	1,068	1,123	1,040	541	1,006	503	590	940	1,213	1,302	1,435	1,054	1,393
Per cent,	100	0.1	0.5	2.8	4.4	7.4	6.0	6.4	6.6	6.2	3.2	6.0	3.0	3.5	5.6	7.3	7.8	8.6	6.3	8.3
Males (18 years and over),	10,469	-	13	43	112	253	272	310	343	508	293	679	337	455	802	1,090	1,192	1,366	1,032	1,374
Per cent,	100	-	0.1	0.4	1.1	2.4	2.6	3.0	3.3	4.8	2.8	6.5	3.2	4.3	7.7	10.4	11.4	13.0	9.9	13.1
Females (18 years and over),	4,908	1	4	104	244	640	601	668	765	519	243	318	163	135	136	122	110	69	22	19
Per cent,	100	1	0.1	2.1	5.0	13.0	12.3	14.0	15.6	10.6	5.0	6.5	3.3	2.8	2.8	2.6	2.3	1.4	0.4	0.4
Young persons (under 18 years of age),	1,416	25	72	318	382	355	141	70	15	18	5	9	3	-	2	1	-	-	-	-
Per cent,	100	1.8	5.1	23.4	27.0	25.1	10.0	4.9	1.1	1.3	0.3	0.6	0.3	-	0.1	0.1	-	-	-	-

Slaughtering and Meat Packing, including Sausage.

Totals,	4,073	-	-	3	23	26	41	44	286	1,141	536	541	306	256	219	207	240	71	38	97
Per cent,	100	-	-	0.1	0.5	0.6	1.0	1.1	7.0	28.0	13.3	13.3	7.5	6.3	5.4	5.1	5.9	1.7	0.9	2.4
Males (18 years and over),	3,944	-	-	-	-	2	12	30	265	1,128	535	540	305	256	219	207	239	71	38	97
Per cent,	100	-	-	-	-	1	0.3	0.3	6.7	28.6	13.6	13.7	7.7	6.5	5.5	5.5	6.1	1.3	1.0	2.3
Females (18 years and over),	59	-	-	1	15	10	16	3	4	7	-	1	1	-	-	-	1	-	-	-
Per cent,	100	-	-	1.7	25.4	16.9	27.1	5.1	6.8	11.9	-	1.7	1.7	-	-	-	1.7	-	-	-
Young persons (under 18 years of age),	70	-	-	2	7	14	13	11	16	6	1	-	-	-	-	-	-	-	-	-
Per cent,	100	-	-	2.9	10.0	20.0	18.6	15.7	23.3	8.6	1.4	-	-	-	-	-	-	-	-	-

Woolen and Worsted Goods.

Totals,	57,360	12	50	537	1,635	6,314	9,202	9,988	6,524	4,425	3,694	3,492	2,968	2,090	2,104	2,132	1,123	535	279	256
Per cent,	100	1	0.1	1.0	2.9	10.8	16.0	17.4	11.4	7.7	6.4	6.1	5.2	3.7	3.7	3.7	2.0	0.9	0.5	0.5
Males (18 years and over),	30,442	-	-	60	154	1,262	2,867	3,514	3,942	2,480	2,200	2,387	2,947	1,645	1,782	1,843	1,039	503	274	253
Per cent,	100	-	-	0.3	0.5	4.1	9.4	13.1	13.0	8.1	7.3	7.3	7.4	5.4	5.9	6.1	3.4	1.7	0.9	0.8
Females (18 years and over),	20,519	-	1	36	667	2,619	4,651	3,908	2,238	1,351	1,460	1,087	712	444	322	289	94	32	5	3
Per cent,	100	-	1	0.4	3.3	12.8	22.7	19.0	11.1	9.0	7.1	5.3	3.5	2.9	1.6	1.4	0.5	0.3	1	1
Young persons (under 18 years of age),	6,399	12	49	441	864	2,333	1,684	566	294	94	34	18	9	1	-	-	-	-	-	-
Per cent,	100	0.2	0.8	6.9	13.5	26.5	26.8	8.3	4.6	1.5	0.5	0.3	0.1	1	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in Table V a, pages 104 to 106, and by cities and towns, Table V b, pages 106 and 107, — the number of possible working days in 1914, exclusive of 52 Sundays and eight holidays, being 305. From the data presented it appears that the average running time for All Industries in 1914 was 280 days. If we allow two weeks, or 12 days, for ordinary shut downs for vacations and repairs, and assume a normal running time for manufacturing establishments of 293 days, it becomes evident that the time in operation of 280 days, shown for 1914, was considerably below the normal.

In some of the leading industries running time for the year appears as follows: *Boots and shoes*, 277 days; *Cotton goods*, 289 days; *Woolen and worsted goods*, 272 days; *Paper and wood pulp*, 258 days; *Leather, tanned, curried, and finished*, 274 days; *Electrical machinery, apparatus, and supplies*, 284 days. The presentation by cities, exhibits average running time in the manufacturing establishments of *Boston* of 293 days; *Worcester*, 287 days; *Cambridge*, 290 days; *Brockton*, 285 days; *Lynn*, 290 days; *New Bedford*, 295 days; *Fall River*, 285 days; *Lawrence*, 300 days; and *Lowell*, 288 days.

LAUNDRIES.

The statistics for *laundries*, separately presented, will be found in Table VI. They include data for all laundries operated by power, whether steam or electric, the volume of work done in 1914, — an average of 7,771 wage earners finding employment in the industry, — being \$8,661,830, — an increase over 1909, — 5,958 wage earners being employed and the value of work done amounting to \$5,754,572, — of \$2,907,258, or 50.5 per cent. As compared with the returns for 1913, however, notwithstanding the lower prices prevailing for certain classes of work, in that year, a decline is noted, the volume of work in 1913 aggregating \$8,781,826, and the average number of wage-earners 8,160.

Comparative figures for the State for the three years are brought together in the following table: —

	1914	1913	1909
Number of establishments,	391	377	280
Capital invested,	\$4,695,798	\$4,542,313	\$2,951,025
Stock used,	\$1,391,900	\$1,259,655	\$903,845
Average number of wage-earners,	7,771	8,160	5,958
Wages paid,	\$3,721,409	\$3,884,570	\$2,582,593
Value of work done,	\$8,661,830	\$8,781,826	\$5,754,572

CONCLUSION.

The year 1914 will be remembered as a period of almost complete industrial stagnation. A depression bidding fair to rival that of 1908 had already set in during the Spring, as the percentages of unemployment, compared month by month, for the balance of the year, with the maximum employment shown in March, clearly indicate; and by the absolute decrease of more than 17 millions of dollars in product value as compared with 1913, notwithstanding the fact that the returns in that year, in particular industries, had not, as stated, the completeness of a full Census canvass. The outbreak of the European War served, at first, and especially in so far as the year 1914 was concerned, only to intensify the depression, although, later, in the year 1915, the demand for machine-shop products and other merchandise which the war entailed, provided an abundant source of activity in many industries as will be shown in the report for that year, which I hope to be able to issue shortly.

As in former years when the United States Census Office has taken a Manufactures Census for the country, the federal authorities and this Bureau have co-operated in gathering these statistics of Massachusetts manufactures for the year 1914 with a view to avoiding duplication of work; and cordial acknowledgment is accordingly here made for courtesies extended by the federal Census Bureau, especially in the matter of furnishing copies of its original tabulations, which have been used in making the compilations for this report.

CHARLES F. GETTEMY,
Director, Bureau of Statistics.

TABULAR PRESENTATIONS.
1914.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914.

A. THE STATE: BY INDUSTRIES.

Industries.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
THE STATE.						
	12,013	\$1,542,960,733	\$331,363,793	\$341,360,517	606,696	\$1,641,373,047
Agricultural implements,	4	835,645	208,523	190,228	325	552,381
Artificial limbs,	8	32,680	17,538	11,265	18	52,628
Artificial stone products,	55	525,836	194,421	226,212	324	599,753
Automobiles, including bodies and parts,	66	9,774,929	5,642,432	3,016,276	3,439	11,198,790
Automobile repairing,	86	463,848	216,830	299,218	348	788,975
Awnings, tents, and sails,	53	424,202	543,430	223,554	366	1,025,760
Baskets, and rattan and willow ware,	15	126,201	129,176	59,489	122	249,911
Belting, leather,	20	5,852,158	4,980,240	764,181	1,113	7,297,476
Belting and hose, woven,	6	906,033	602,531	98,690	183	942,180
Billiard tables and materials,	6	145,389	108,887	32,818	43	200,334
Blacking, stains, and dressings,	59	1,298,724	1,756,379	262,293	506	3,199,141
Bookbinding and blank-book making,	96	3,927,259	1,524,735	1,839,465	3,317	4,943,081
Boot and shoe cut stock and findings,	420	23,784,297	43,916,156	4,262,971	8,170	54,658,155
Boots and shoes,	464	92,253,524	120,325,680	46,743,858	76,944	200,529,858
Boots and shoes, rubber,	9	23,027,061	10,454,825	4,468,411	8,087	23,788,788
Boxes, cigar,	5	267,912	182,066	91,583	188	389,245
Boxes, fancy and paper,	97	4,097,326	3,671,873	1,886,498	4,244	7,084,975
Boxes, wooden packing,	91	6,216,604	4,776,269	1,640,876	2,995	7,710,614

Brass, bronze, and copper products,	73	3,979,238	3,714,796	1,063,053	1,620	5,958,863
Bread and other bakery products,	1,419	13,775,446	18,271,148	4,866,068	8,083	33,309,051
Brick and tile, ¹	46	2,196,865	416,977	680,047	1,124	1,458,992
Brooms,	26	218,476	231,980	61,866	121	406,596
Brushes,	29	3,359,105	2,231,410	717,148	1,437	3,910,029
Butter,	17	123,007	697,465	21,491	33	813,783
Buttons,	14	1,241,996	275,647	230,445	485	727,707
Canning and preserving,	65	5,038,118	5,605,741	866,327	1,903	8,169,014
Card cutting and designing,	4	15,925	5,756	2,147	5	16,347
Carpets and rugs, other than rag,	12	13,841,208	6,668,280	2,388,790	5,319	10,981,344
Carpets, rag,	21	55,573	23,575	50,743	106	136,622
Carriages and sleds, children's,	8	1,594,638	1,460,457	660,284	1,175	2,644,414
Carriages and wagons, and materials,	149	2,866,562	1,080,106	709,379	1,245	2,627,575
Carriages and wagons (repair work exclusively),	26	172,605	59,551	71,783	103	194,299
Cars and general shop construction and repairs by steam railroad companies,	15	9,136,136	4,196,881	4,393,731	6,264	8,829,665
Cars and general shop construction and repairs by electric railroad companies,	39	2,861,028	1,203,842	1,372,677	1,705	2,565,946
Chemicals,	24	9,167,388	3,354,621	954,638	1,395	6,684,918
Cleansing and polishing preparations,	34	295,411	326,891	39,238	66	642,336
Cloth sponging and refinishing,	4	24,525	1,500	36,496	56	63,700
Clothing, men's,	213	7,198,335	9,033,157	3,074,907	5,760	16,317,687
Clothing, men's, buttonholes,	3	1,050	526	1,560	4	6,072
Clothing, women's,	202	4,942,052	7,664,225	2,966,453	6,076	13,982,587
Coffee and spice, roasting and grinding,	21	3,677,805	6,311,942	265,422	466	8,675,047
Coffins, burial cases, and undertakers' goods,	9	821,096	369,313	172,935	286	789,292
Combs and hairpins,	34	1,768,421	2,073,863	967,723	1,944	3,726,931

¹ Includes terra-cotta and fire-clay products.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Es- tabli- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
The State — Continued.						
Confectionery and ice cream,	276	\$11,640,834	\$13,862,733	\$3,041,509	7,902	\$22,934,744
Confectionery,	145	10,490,869	12,265,245	2,710,742	6,775	20,097,995
Chewing gum,	3	52,112	22,025	4,336	12	32,828
Ice cream,	128	1,097,853	1,575,463	326,431	475	2,803,921
Cooperage,	35	835,978	731,847	311,260	525	1,272,246
Copper, tin, and sheet-iron products, ¹	159	7,418,093	3,510,187	1,662,950	2,688	7,347,123
Cordage and twine, and jute goods,	13	18,730,156	15,553,152	2,455,637	6,073	20,229,992
Cordials and flavoring sirups,	9	213,301	329,178	24,872	51	519,049
Corsets,	11	2,594,362	1,901,936	905,648	2,298	4,580,839
Cotton goods,	165	255,153,889	118,727,252	50,299,559	112,609	195,481,626
Cotton small wares,	24	1,704,831	1,107,082	406,481	950	1,840,485
Cutlery, and tools not elsewhere specified,	137	19,599,525	3,393,522	3,903,000	6,485	12,974,022
Dental goods,	8	70,214	408,920	33,313	55	494,512
Dyeing and finishing textiles,	57	39,014,407	10,989,008	5,842,976	11,437	22,455,086
Dyestuffs and extracts,	17	813,134	1,161,873	99,134	143	1,674,097
Electrical machinery, apparatus, and supplies,	91	45,067,320	17,696,907	10,651,133	17,125	43,869,394
Electroplating,	50	222,037	109,648	151,632	283	402,239
Emery and other abrasive wheels,	12	2,403,519	866,452	598,546	902	2,299,292
Enameling and japanning,	13	149,317	134,474	53,130	95	278,289

MANUFACTURES — 1914.

[Pub. Doc.]

Engraving and die sinking,	48	156,194	37,676	112,468	152	278,147
Engraving, steel and copper plate, including plate printing,	29	668,036	159,809	274,782	421	746,290
Envelopes,	11	4,723,318	2,850,365	803,209	1,781	4,979,533
Fancy articles, not elsewhere specified,	30	1,067,319	521,872	387,138	786	1,287,744
Felt goods,	15	5,236,462	1,924,530	434,602	878	2,997,080
Firearms,	6	3,930,056	711,451	1,461,142	2,161	3,297,419
Flavoring extracts,	35	595,521	592,103	62,519	124	1,164,733
Flour-mill and gristmill products,	105	2,519,072	3,423,887	101,471	176	3,811,377
Food preparations,	68	1,460,957	1,952,838	280,113	469	4,042,632
Foundry and machine-shop products, ¹	724	99,707,910	25,209,892	23,497,652	34,398	70,974,440
Fur goods,	17	522,963	476,267	146,276	208	861,877
Furnishing goods, men's,	13	511,705	788,951	170,825	388	1,268,806
Furniture,	134	18,970,795	5,647,952	3,960,588	6,813	13,826,765
Galvanizing,	3	24,578	19,509	10,207	12	37,259
Gas and electric fixtures,	15	196,510	138,566	90,502	143	448,465
Gas, illuminating and heating,	61	67,696,765	5,951,393	2,141,492	3,182	15,751,637
Glass, cutting, staining, and ornamenting,	35	191,513	95,581	137,169	198	371,589
Glue,	11	2,956,497	1,788,747	293,647	563	2,588,733
Gold and silver, leaf and foil,	10	97,464	134,064	63,088	120	232,526
Gold and silver, reducing and refining, not from the ore,	7	168,066	286,138	17,390	21	337,686
Grease and tallow,	33	2,600,452	1,829,324	420,107	622	2,668,048
Hand-knit goods,	8	46,299	30,714	2,800	4	61,758
Hand stamps and stencils and brands,	32	133,008	55,656	72,767	108	253,069
Hardware,	31	2,633,338	865,081	699,378	1,151	2,322,593
Hats and caps, other than felt, straw, and wool,	38	195,107	404,367	167,793	288	737,294

¹ Includes stamped and enameled ware and tinware.
: Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
The State — Continued.						
Hata, fur-felt,	10	\$1,422,351	\$470,318	\$278,668	629	\$864,722
Hata, straw,	19	2,905,750	3,204,659	1,450,679	2,383	5,762,048
Hosiery and knit goods,	69	15,462,471	9,245,957	4,733,898	10,631	17,357,319
House-furnishing goods, not elsewhere specified,	29	1,030,025	844,415	202,990	444	1,350,408
Ice, manufactured,	6	320,966	75,849	49,096	57	180,212
Instruments, professional and scientific,	23	1,369,143	550,335	416,616	599	1,262,034
Iron and steel, steel works and rolling mills,	11	13,450,020	8,801,811	1,902,912	2,889	11,376,008
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	8	2,269,865	1,041,047	764,044	1,292	2,267,090
Iron and steel forgings,	10	1,950,677	838,840	523,085	683	2,075,765
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	28	2,425,303	1,421,250	698,212	1,233	2,847,049
Jewelry,	202	14,521,053	6,710,132	3,888,999	6,505	14,175,857
Jewelry and instrument cases,	10	346,599	205,439	150,931	389	529,262
Labels and tags,	5	40,813	18,791	22,255	38	69,968
Lamps and reflectors,	7	432,743	488,983	215,768	316	960,063
Lasts,	32	1,922,544	591,559	653,449	890	1,908,646
Leather goods, not elsewhere specified,	41	637,354	733,507	215,391	416	1,309,049
Leather, tanned, curried, and finished,	126	47,418,119	33,194,061	5,918,205	10,164	45,265,434
Lime,	11	1,299,019	370,242	231,293	474	816,713
Linen goods,	7	3,938,715	1,795,123	652,369	1,541	3,050,254
Liquors, distilled,	7	1,622,102	1,233,530	82,390	93	4,789,601

MANUFACTURES — 1914.

[Pub. Doc.]

Liquors, malt, ¹	26	22,373,787	4,920,153	1,992,322	2,106	15,808,044
Lithographing,	13	2,400,253	1,007,842	873,520	1,218	2,931,840
Looking-glass and picture frames,	31	203,037	142,752	105,459	148	428,572
Lumber and timber products,	277	4,455,468	2,010,372	883,491	1,625	4,378,974
Lumber, planing-mill products,	198	7,978,100	6,276,885	2,484,077	3,423	10,650,867
Marble and stone work,	107	5,073,125	992,730	1,867,496	2,520	3,833,417
Mattresses and spring beds,	54	1,023,087	1,456,126	375,718	740	2,501,818
Millinery and lace goods,	69	2,116,672	2,886,184	939,998	2,026	4,918,886
Mineral and soda waters,	171	2,000,848	1,075,009	332,796	508	2,441,676
Minerals and earthen, ground,	9	440,616	277,534	61,456	105	488,646
Mirrors,	8	213,612	230,337	85,076	132	440,572
Models and patterns not including paper patterns,	66	260,122	83,398	247,692	318	595,282
Monuments and tombstones,	199	1,908,805	892,373	1,021,413	1,338	2,900,896
Motorcycles, bicycles, and parts,	6	7,183,011	3,193,964	1,566,698	2,125	7,021,312
Mucilage and paste,	22	820,129	997,307	72,524	103	1,552,933
Musical instruments and materials, not specified,	25	318,809	162,664	204,522	282	418,845
Musical instruments, pianos and organs and materials,	52	12,469,020	3,702,133	2,509,521	3,906	8,213,241
Oil, not elsewhere specified,	16	1,708,063	2,239,302	197,006	303	2,975,366
Optical goods,	13	3,726,238	1,195,586	1,390,181	2,356	3,993,335
Paints and varnishes,	34	3,181,373	2,621,556	301,964	490	4,875,740
Paper and wood pulp,	86	47,979,966	26,610,748	7,548,620	13,401	43,352,546
Paper goods, not elsewhere specified,	49	9,500,842	5,836,840	2,115,037	4,048	10,599,526
Patent medicines and compounds and druggist's preparations,	162	5,471,931	3,323,138	695,816	1,381	8,262,960
Paving materials,	11	617,951	177,731	207,817	342	612,411
Photo-engraving,	27	500,521	169,772	492,817	542	1,180,289

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
The State — Continued.						
Pipes, tobacco,	3	\$41,404	\$22,837	\$26,155	41	\$57,527
Plumbers' supplies,	19	1,152,383	595,232	375,247	627	1,330,495
Pocketbooks,	10	522,590	339,550	172,486	377	738,954
Pottery, ¹	8	195,530	36,662	85,305	138	170,405
Printing and publishing, book and job,	741	18,276,525	5,513,738	4,837,871	7,062	20,245,246
Printing and publishing, music,	9	568,098	161,964	76,233	120	609,956
Printing and publishing, newspapers and periodicals,	456	18,420,327	8,449,143	5,364,438	6,032	26,719,398
Refrigerators,	11	290,778	209,892	123,006	141	454,292
Regalia and society badges and emblems,	12	138,607	117,020	56,587	78	262,526
Rubber goods, not elsewhere specified,	42	17,345,185	14,141,738	2,845,043	4,743	23,011,349
Saddlery and harness,	43	661,174	495,870	173,668	260	836,524
Sausage, not made in slaughtering and meat packing establishments,	61	594,276	2,047,478	247,806	349	2,722,167
Scales and balances,	4	30,362	21,490	14,005	23	50,421
Screws, machine,	17	1,112,732	230,291	205,376	355	570,512
Shipbuilding, wooden, including boat building,	81	788,574	395,273	328,025	435	1,061,115
Shirts,	14	1,730,445	1,381,968	778,577	1,885	3,396,080
Shoddy, wool,	17	1,370,298	1,266,600	240,059	446	1,903,016
Show cases,	12	81,452	91,849	60,352	79	202,399
Signs and advertising novelties,	20	350,393	288,921	211,258	386	724,540
Silk and silk goods, including throwsters,	19	11,089,598	5,961,137	2,091,891	4,495	10,676,681

Silverware and plated ware,	17	6,803,905	2,227,585	1,468,045	2,163	5,542,421
Slaughtering and meat packing,	46	18,470,685	45,428,339	1,893,645	3,233	51,724,520
Soap,	32	3,421,150	2,476,020	260,473	460	4,671,310
Sporting and athletic goods,	15	2,239,473	1,983,998	767,126	1,275	3,423,980
Springs, steel, car and carriage,	7	69,190	41,155	37,126	45	110,264
Stationery goods, not elsewhere specified,	27	4,747,454	3,552,070	1,248,491	2,467	6,511,512
Statuary and art goods,	13	451,511	54,658	106,887	132	282,200
Steam fittings and steam and hot-water heating apparatus,	21	7,365,324	2,018,813	2,018,627	3,175	5,910,286
Steam packing,	11	207,916	151,399	56,893	71	311,047
Stereotyping and electrotyping,	15	306,526	128,425	167,449	250	485,371
Stoves and hot-air furnaces, except gas and oil stoves,	13	2,984,888	892,589	1,115,895	1,446	2,983,832
Structural ironwork, not made in steel works or rolling mills,	51	3,232,072	2,083,775	1,227,649	1,662	4,311,823
Surgical appliances,	14	634,852	1,039,020	149,265	249	1,459,021
Suspenders, garters, and elastic woven goods,	30	5,060,141	3,580,686	1,411,316	2,928	6,323,312
Tobacco manufactures,	336	4,328,311	3,310,808	3,109,895	3,926	9,269,400
Toys and games,	18	1,728,045	1,128,941	636,487	1,381	2,535,988
Trunks and valises,	25	716,081	649,788	223,695	377	1,138,108
Type founding and printing materials,	9	271,713	79,379	59,143	93	262,832
Upholstering materials,	8	1,059,640	1,231,973	105,100	197	1,477,198
Vinegar and cider,	53	423,964	199,771	47,276	78	391,159
Waste,	11	1,964,200	3,338,216	308,606	800	3,779,872
Watch and clock materials,	5	137,995	37,212	84,457	158	165,755
Whips,	21	2,516,156	1,167,929	493,170	996	2,804,281
Window and door screens and weather strips,	23	136,413	113,119	66,501	113	271,578
Window shades and fixtures,	14	260,969	388,852	54,365	97	589,072

1 Not including terra-cotta and fire clay products.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
The State — Concluded.						
Wire,	8	\$8,244,816	\$4,655,965	\$2,003,164	2,899	\$8,389,073
Wirework, including wire rope and cable,	30	5,420,293	2,330,915	1,079,129	1,950	4,877,699
Wood, turned and carved,	62	1,756,118	747,130	588,277	1,339	1,761,668
Wooden goods,	18	568,613	424,891	218,029	430	788,353
Wool scouring,	10	1,515,096	727,228	333,741	577	1,406,674
Woolen and worsted goods,	156	138,999,182	81,152,893	26,928,480	53,377	127,351,434
All other industries, ¹	235	104,372,558	56,460,725	14,098,304	21,504	88,237,019

¹ Embraces Aeroplanes and parts; 1, Aluminum ware, 3; Ammunition, 2; Artificial flowers, 1; Artists' materials, 2; Asbestos products, not including steam packing, 3; Babbitt metal and solder, 5; Bags, other than paper, 6; Bags, paper, 1; Baking powders and yeast, 3; Belting and hose, rubber, 3; Bluing, 6; Bone, carbon, and lamp black, 2; Butter, re-working, 1; Candles, 1; Cardboard, not made in paper mills, 1; Cars, steam railroad, not including operations of railroad companies, 3; Cars, electric railroad, not including operations of railroad companies, 1; Cash registers and calculating machines, 3; Charcoal, 2; China decorating, 1; Chocolate and cocoa products, 5; Clocks, 4; Clothing, horse, 3; Coke, 1; Collars and cuffs, men's, 1; Cork cutting, 2; Crucibles, 2; Dairymen's, poultrymen's, and apiarists' supplies, 3; Drug grinding, 2; Engravers' materials, 1; Engraving, wood, 3; Explosives, 2; Fertilizers, 4; Files, 6; Fire extinguishers, chemical, 2; Fireworks, 4; Flags and banners, 3; Foundry supplies, 1; Furs dressed, 1; Glass, 2; Gloves and mittens, leather, 5; Glucose and starch, 4; Hair work, 5; Hammocks, 4; Hat and cap materials, 2; Hata, wool-felt, 2; Horsehoes, not made in steel works or rolling mills, 3; Ink, printing, 1; Ink, writing, 3; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 1; Ivory, shell, and bone work, not including combs and hairpins, 3; Lard, refined, not made in slaughtering and meat packing establishments, 1; Lead, bar, pipe, and sheet, 1; Lubricating greases, 5; Matches, 1; Needles, pins, and hooks and eyes, 4; Nets and seines, 2; Oakum, 1; Oil, essential, 1; Oil-cloth, enameled, 2; Oleomargarine, 1; Paper patterns, 1; Peanuts, grading, roasting, cleaning, and shelling, 2; Pens, fountain and stylographic, 3; Pens, gold, 2; Phonographs and graphophones, 1; Photographic supplies, 1; Photographic materials, 4; Pumps, not including power pumps, 3; Roofing materials, 5; Sand and emery paper and cloth, 1; Sand-lime brick, 1; Saws, 10; Screws, wood, 2; Sewing machines and attachments, 7; Shipbuilding, iron and steel, 3; Smelting and refining, not from the ore, 3; Soda-water apparatus, 5; Stoves, oil and gas, 3; Sugar, refining, not including beet sugar, 2; Theatrical scenery, 1; Typewriters and supplies, 3; Umbrellas and canes, 7; Vault lights and ventilators, 2; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 1; Watches, 2; Windmills, 1; Wool pulling, 1.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
B. THE 33 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
BEVERLY.						
Boot and shoe cut stock and findings,	67	\$10,538,789	\$3,165,982	\$3,366,643	4,641	\$8,774,187
Boots and shoes,	10	156,113	139,422	26,526	47	213,035
Bread and other bakery products,	15	1,381,838	1,875,199	819,703	1,417	3,285,400
Printing and publishing,	9	31,565	64,611	17,790	31	115,946
Other industries,	7	77,867	36,817	42,764	78	123,086
	26	8,885,906	1,049,873	2,448,860	3,068	5,026,720
BOSTON.						
Artificial limbs,	3,138	\$15,176,513	150,568,880	49,444,877	78,894	\$84,808,479
Automobiles, including bodies and parts,	4	11,537	8,680	8,791	12	31,379
Automobile repairing,	12	408,376	205,104	172,478	219	586,990
Awnings, tents, and sails,	9	53,232	59,470	55,082	60	179,809
Blacking, stains, and dressings,	19	160,261	279,497	108,007	173	517,183
	15	438,565	316,587	59,297	108	689,724
Bookbinding and blank-book making,	53	974,711	525,833	736,943	1,402	1,824,295
Boot and shoe cut stock and findings,	35	5,694,652	12,249,387	607,509	1,052	13,909,298
Boxes, fancy and paper,	16	8,455,193	7,229,888	3,421,074	6,369	13,253,410
Brass, bronze, and copper products,	19	319,776	364,101	308,445	725	882,189
	27	258,417	233,328	140,915	185	500,120

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Boerov — Continued.						
Bread and other bakery products,	312	\$3,471,714	\$5,830,108	\$1,546,740	2,701	\$11,413,378
Canning and preserving,	23	1,142,355	1,688,308	232,907	444	2,633,155
Carriages and wagons and materials,	21	417,060	255,909	206,207	280	594,320
Carriages and wagons (repairing exclusively),	10	50,786	32,373	40,823	59	99,866
Chemicals,	8	186,688	266,424	17,082	24	356,135
Cleansing and polishing preparations,	12	177,020	220,655	19,275	33	437,119
Cloth sponging and refinishing,	4	24,525	1,500	36,496	56	63,700
Clothing, men's,	176	5,745,389	7,503,788	2,552,713	4,577	13,729,313
Clothing, men's, buttonholes,	3	1,050	526	1,500	4	6,072
Clothing, women's,	139	2,905,122	5,126,016	2,143,646	3,964	9,808,758
Coffee and spice, roasting and grinding,	17	3,559,279	6,124,157	252,490	446	8,463,495
Confectionery and ice cream,	73	8,031,639	9,108,471	3,041,771	5,114	15,345,760
Confectionery, ¹	61	7,799,653	8,860,790	1,996,947	5,064	14,795,919
Ice cream,	11	231,986	247,631	44,824	50	449,841
Copper, tin, and sheet-iron products, ²	75	5,010,185	2,106,482	904,000	1,397	4,144,270
Cutlery and tools, not elsewhere specified,	15	3,715,802	758,094	399,547	790	3,282,736
Dental goods,	8	70,214	408,920	33,313	55	484,512
Dyestuffs and extracts,	10	455,129	516,418	45,005	61	716,751

Electrical machinery, apparatus, and supplies,	30	3,486,548	1,414,097	914,342	1,481	3,684,915
Electroplating,	23	71,633	45,397	80,896	108	190,507
Enameling and japanning,	4	27,553	9,650	13,581	19	35,069
Engraving and diesinking,	20	45,534	19,259	39,744	47	105,486
Engraving, steel and copper plate, including plate printing,	24	553,128	125,756	233,980	347	582,888
Fancy articles, not elsewhere specified,	7	53,301	52,084	29,047	52	113,556
Flavoring extracts,	9	350,552	310,773	27,686	52	640,665
Food preparations,	21	631,361	1,057,512	159,817	257	2,500,157
Foundry and machine-shop products, ¹	166	13,763,826	4,194,297	3,850,586	5,283	12,350,987
Fur goods,	17	522,963	476,267	146,276	208	861,877
Furnishing goods, men's,	7	425,700	668,041	117,849	237	1,039,635
Furniture,	46	951,652	978,617	541,273	790	2,228,088
Galvanizing,	3	24,578	19,509	10,207	12	37,269
Gas and electric fixtures,	9	116,090	102,713	68,384	96	332,242
Glass cutting, staining, and ornamenting,	22	92,547	52,269	88,311	108	236,265
Hand stamps and stencils and brands,	17	69,002	27,313	47,265	64	158,132
Hardware,	12	148,635	52,585	47,408	61	164,491
Hats and caps, other than felt, straw, and wool,	28	184,539	395,709	163,803	278	710,407
Hosiery and knit goods,	10	1,052,555	1,005,443	310,249	770	1,565,681
House-furnishing goods, not elsewhere specified,	8	55,339	108,113	44,999	85	217,070
Instruments, professional and scientific,	12	895,719	377,583	332,367	484	890,806
Iron and steel, steel works and rolling mills,	3	55,896	32,564	34,441	50	90,675
Jewelry,	39	508,316	386,068	186,102	250	865,791

¹ Includes two establishments manufacturing chewing gum.

² Includes 11 establishments manufacturing tinware.

³ Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
BOSTON — Continued.						
Jewelry and instrument cases,	5	\$266,473	\$159,048	\$113,923	293	\$417,394
Lamps and reflectors,	3	23,015	38,765	23,711	33	73,198
Leather goods, ¹	15	346,307	451,436	107,140	180	765,654
Liquors, malt, ²	13	13,638,141	2,593,579	1,148,553	1,225	8,836,272
Lithographing,	6	191,188	90,264	92,409	124	246,229
Looking-glass and picture frames,	13	130,110	97,618	79,952	110	320,243
Lumber and timber products, ³	47	1,388,488	1,641,299	614,032	803	2,803,541
Marble and stone work,	16	780,957	411,772	337,650	425	950,912
Mattresses and spring beds,	21	606,635	1,115,146	262,827	531	1,886,931
Millinery and lace goods,	59	1,349,151	2,014,263	601,030	1,415	3,553,692
Mineral and soda waters,	26	803,416	538,757	103,341	137	1,203,737
Mirrors,	7	185,601	203,330	68,246	104	385,247
Models and patterns, not including paper patterns,	21	104,581	29,170	85,402	105	198,614
Monuments and tombstones,	8	66,622	24,308	28,047	30	86,340
Mucilage and paste,	4	143,346	178,446	12,181	16	284,050
Musical instruments and materials, not specified,	15	255,850	137,166	184,390	245	333,463
Musical instruments, pianos and organs, and materials,	15	4,931,103	1,580,526	907,594	1,299	3,276,273
Oil, not elsewhere specified,	5	788,370	1,211,480	102,145	164	1,602,001

Paints and varnishes,	11	846,141	636,907	79,070	119	1,055,342
Paper goods, not elsewhere specified,	12	373,730	337,319	144,030	342	658,558
Patent medicines and compounds and druggists' preparations,	68	2,515,158	2,120,012	360,138	768	4,622,820
Photo-engraving,	19	418,283	145,008	398,712	432	1,002,295
Plumbets' supplies,	4	174,541	47,870	51,957	63	151,776
Printing and publishing, book, job, and music,	318	11,332,002	2,849,941	2,416,546	3,351	12,680,334
Printing and publishing, newspapers and periodicals,	166	11,055,242	6,188,817	2,895,457	2,748	17,915,170
Refrigerators,	7	192,445	149,455	92,384	82	323,365
Regalia and society badges and emblems,	8	85,605	81,894	27,209	50	153,912
Rubber goods, not elsewhere specified,	7	511,114	318,820	151,436	276	679,708
Saddlery and harness,	11	32,475	43,538	33,233	39	106,064
Sausage, not made in slaughtering and meat packing establishments,	15	245,971	933,742	110,880	168	1,280,811
Screws, machine,	7	212,582	98,984	71,149	102	230,695
Shipbuilding, wooden, including boat building,	15	165,697	134,973	91,431	108	325,300
Show cases,	8	51,246	56,537	36,138	43	126,364
Signs and advertising novelties,	12	199,975	171,083	143,438	270	464,783
Slaughtering and meat packing,	11	492,292	4,276,837	121,004	161	5,115,143
Soap,	11	231,401	314,320	33,417	54	441,443
Stationery goods, not elsewhere specified,	5	435,622	389,408	123,118	237	665,670
Statuary and art goods,	10	438,978	50,564	95,874	122	262,598
Steam fittings and steam and hot-water heating apparatus,	8	4,732,506	1,149,747	1,077,631	1,702	3,080,958
Steam packing,	6	84,938	43,332	37,422	41	153,898
Stereotyping and electrotyping,	8	183,608	95,095	118,960	156	318,643
Structural ironwork, not made in steel works or rolling mills,	23	593,725	494,516	397,887	525	1,124,393

¹ Not including saddlery and harness, and trunks and valises, the figures for which are separately presented.
² Includes one establishment having four branches. ³ Not including boxes (wooden) and window and door screens.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
BOSTON — Concluded.						
Suspenders, garters, and elastic woven goods,	10	\$1,126,053	\$1,284,717	\$361,200	855	\$2,321,514
Tobacco manufactures,	101	3,217,308	2,738,140	2,315,580	2,694	6,684,409
Trunks and valises,	14	159,224	195,534	83,674	133	373,610
Window and door screens and weather strips,	6	21,423	23,826	11,782	19	57,964
Window shades and fixtures,	10	150,339	265,347	37,257	63	391,364
Wirework, including wire rope and cable,	7	26,594	32,115	15,650	34	65,842
Wood, turned and carved,	6	12,610	8,634	10,267	12	26,353
Other industries,	259	72,932,637	39,043,157	9,047,034	14,437	61,471,304
BROCKTON.						
Blackings, and cleansing and polishing preparations,	243	23,808,708	31,664,341	10,657,346	16,346	51,369,131
Boot and shoe cut stock and findings,	16	205,995	194,364	31,480	43	429,535
Boots and shoes,	48	3,525,754	6,839,678	893,353	1,650	9,089,460
Boxes, fancy and paper,	36	18,840,763	21,565,786	8,084,442	12,115	35,032,665
Boxes, wooden packing,	5	162,199	114,371	76,740	174	233,446
Bread and other bakery products,	5	189,022	124,088	43,049	68	217,162
Carriages and wagons and materials,	21	376,781	538,629	134,348	252	1,069,520
Confectionery and ice cream,	5	77,293	14,423	13,692	18	44,633
Cutlery and tools, not elsewhere specified,	4	14,056	56,898	10,679	21	98,496
Flour-mill and grist-mill products,	9	47,273	31,502	61,653	72	134,510
	3	27,765	25,377	700	3	40,226

Foundry and machine-shop products,	15	454,438	127,342	178,072	243	431,325
Lests,	7	748,332	215,262	181,294	241	584,353
Printing and publishing,	20	401,420	247,984	197,541	269	744,241
Other industries,	49	3,737,627	1,508,537	650,298	1,078	3,109,559
CAMBRIDGE.						
Automobiles, including bodies and parts,	316	48,999,993	31,534,696	10,916,990	16,749	57,483,949
Bookbinding and blank-book making,	5	165,510	55,927	65,467	83	203,517
Boxes, fancy and paper,	6	406,615	152,798	164,529	303	417,564
Bread and other bakery products,	5	384,221	249,102	208,829	495	598,780
Carriages and wagons and materials,	40	4,102,119	2,070,912	511,795	901	3,954,493
	4	69,509	48,836	50,394	71	127,655
Confectionery and ice cream,	21	1,790,307	9,503,308	508,877	1,941	3,807,709
Confectionery,	15	1,653,089	2,303,905	436,073	1,141	3,285,724
Ice cream,	6	137,718	299,397	72,804	100	521,985
Copper, tin, and sheet-iron products,	7	522,968	297,292	112,220	183	588,109
Foundry and machine-shop products, ¹	24	5,636,918	1,414,398	972,238	1,460	4,377,122
Furniture,	12	1,276,953	367,538	495,422	636	1,283,764
Looking-glass and picture frames,	4	8,377	5,406	4,678	7	20,563
Lumber, planing-mill products,	8	606,737	451,615	194,971	204	780,111
Marble and stone work,	7	238,130	111,493	133,783	164	359,217
Monuments and tombstones,	3	11,410	6,207	6,104	9	21,027
Musical instruments, pianos and organs, and materials,	6	3,517,512	734,678	536,992	914	1,673,588
Patent medicines and compounds and druggists' preparations,	6	265,225	100,241	58,986	112	248,176
Printing and publishing, ²	39	4,177,860	1,399,694	1,312,045	1,856	3,602,073
Structural ironwork,	10	1,080,983	470,611	229,937	326	955,270
Tobacco manufactures,	4	9,108	18,995	7,483	11	40,055
Wood, turned and carved,	3	76,873	7,510	13,717	20	29,653
Other industries,	102	24,652,453	21,068,156	4,628,473	7,753	24,445,433

¹ Not including bookbinding and blank-book making.

² Not including structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
CHELSEA.	133	\$13,418,391	\$9,414,698	\$3,853,013	6,941	\$16,971,028
Boots and shoes,	5	1,595,023	3,349,974	1,407,989	2,475	5,466,898
Boxes, fancy and paper,	3	228,247	177,152	78,156	193	318,978
Bread and other bakery products,	17	109,500	194,011	61,383	90	329,095
Lumber, planing-mill products,	4	32,927	97,970	25,168	33	140,000
Printing and publishing,	7	26,786	12,077	15,760	32	48,657
Tobacco manufactures,	11	16,203	21,951	14,483	15	56,376
Other industries,	76	10,410,205	5,561,463	2,250,724	3,403	10,611,024
CHICOPEN.	62	\$3,500,779	17,117,903	5,130,634	8,428	\$8,869,158
Bread and other bakery products,	11	69,250	101,464	24,931	36	177,350
Brick and tile,	5	119,815	14,125	31,837	57	69,900
Other industries,	46	23,311,714	17,002,314	5,073,816	8,333	28,621,902
EVERETT.	85	\$6,408,547	6,510,763	\$,046,650	3,986	13,919,900
Boot and shoe cut stock and findings,	3	33,080	45,548	14,668	43	75,217
Boots and shoes,	3	342,355	682,109	327,261	558	1,287,341
Bread and other bakery products,	9	8,475	49,114	9,827	20	80,160
Foundry and machine-shop products,	9	839,971	474,110	281,294	369	957,834
Other industries,	61	25,184,666	5,259,872	1,413,610	2,236	10,818,648

FALL RIVER.

Bread and other bakery products,	.	.	.	.	.	.	.	.	.	315	89,889,838	57,161,487	16,130,748	36,834	64,663,146
Confectionery and ice cream,	.	.	.	.	.	.	.	.	.	88	230,177	609,620	127,466	197	1,017,232
Copper, tin, and sheet-iron products,	.	.	.	.	.	.	.	.	.	12	50,275	78,862	13,429	23	124,342
Cotton goods,	.	.	.	.	.	.	.	.	.	8	37,367	21,727	23,971	36	74,928
Cotton small wares,	.	.	.	.	.	.	.	.	.	45	66,698,373	29,355,913	13,081,876	30,427	49,516,027
	.	.	.	.	.	.	.	.	.	6	605,386	303,248	107,261	331	478,984
Foundry and machine-shop products,	.	.	.	.	.	.	.	.	.	27	953,597	453,173	341,791	570	1,063,957
Lumber, planing-mill products,	.	.	.	.	.	.	.	.	.	5	86,600	61,958	47,487	70	135,081
Marble and stone work,	.	.	.	.	.	.	.	.	.	4	39,045	10,491	19,325	31	37,882
Mineral and soda waters,	.	.	.	.	.	.	.	.	.	7	18,450	10,366	8,086	13	32,010
Monuments and tomb stones,	.	.	.	.	.	.	.	.	.	6	40,059	16,250	12,516	14	38,447
Printing and publishing, book and job,	.	.	.	.	.	.	.	.	.	15	79,936	43,479	33,178	54	127,377
Printing and publishing, newspapers and periodicals,	.	.	.	.	.	.	.	.	.	7	302,053	52,913	120,089	141	268,767
Sausage, not made in slaughtering and meat-packing establishments,	.	.	.	.	.	.	.	.	.	8	20,705	145,367	16,109	21	210,320
Tobacco manufactures,	.	.	.	.	.	.	.	.	.	6	7,039	7,572	2,682	4	21,200
Other industries,	.	.	.	.	.	.	.	.	.	71	20,120,716	5,995,548	2,175,476	4,902	11,516,592
FITCHBURG.															
Bread and other bakery products,	.	.	.	.	.	.	.	.	.	137	24,880,663	15,096,717	4,814,583	8,837	23,983,368
Confectionery and ice cream,	.	.	.	.	.	.	.	.	.	19	56,715	159,127	41,151	64	270,985
Cotton goods,	.	.	.	.	.	.	.	.	.	4	15,385	45,602	5,429	18	69,984
Foundry and machine-shop products,	.	.	.	.	.	.	.	.	.	6	6,112,505	3,253,351	1,279,311	2,895	4,789,023
Marble and stone work,	.	.	.	.	.	.	.	.	.	23	2,086,086	579,148	422,069	663	1,253,506
	.	.	.	.	.	.	.	.	.	5	62,591	6,987	14,979	19	33,044
Mineral and soda waters,	.	.	.	.	.	.	.	.	.	5	23,915	6,390	1,264	3	15,172
Paper and wood pulp,	.	.	.	.	.	.	.	.	.	4	6,240,771	4,714,991	851,501	1,347	6,892,099

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
FITCHBURG — Concluded.						
Printing and publishing, book and job,	5	\$142,237	\$23,349	\$32,135	47	\$107,622
Printing and publishing, newspapers and periodicals,	7	77,577	23,896	42,855	54	172,892
Tobacco manufactures,	5	9,433	7,232	5,444	9	20,149
Wood, turned and carved,	3	47,679	26,779	22,573	44	74,158
Other industries,	53	10,005,169	6,244,815	2,095,872	3,674	10,284,718
GLOUCESTER.						
Bread and other bakery products,	87	7,110,303	5,589,804	1,337,341	8,814	8,533,964
Canning and preserving, fish,	7	54,256	101,926	27,481	53	151,917
Clothing, men's,	16	3,651,068	3,539,164	546,463	1,315	4,906,580
Foundry and machine-shop products,	5	50,186	82,767	27,838	88	135,800
Ship building, wooden, including boat building,	4	47,796	13,509	16,856	24	37,743
Tobacco manufactures,	9	99,353	20,735	18,563	28	64,990
Other industries,	6	5,698	10,113	7,850	17	27,996
	40	3,201,946	1,821,590	692,290	1,289	3,209,138
HAVERHILL.						
Boot and shoe cut stock and findings,	398	18,415,156	36,519,187	8,614,484	13,381	49,409,346
Boots and shoes,	137	4,015,571	7,925,831	989,828	1,821	10,321,401
Boxes, fancy and paper,	126	9,040,542	14,569,417	6,318,254	9,351	25,319,953
	5	137,764	163,738	87,806	155	286,232

Bread and other bakery products,	30	75,591	176,968	41,619	60	282,732
Cutlery and tools, not elsewhere specified,	3	10,761	3,456	11,764	14	31,270
Foundry and machine-shop products,	5	69,579	41,183	58,244	72	139,810
Models and patterns, not including paper patterns,	6	23,201	9,234	22,184	38	68,815
Mucilage and paste,	4	19,015	20,012	3,216	4	33,881
Printing and publishing,	18	179,461	74,170	58,049	71	269,701
Tobacco manufactures,	4	5,405	3,856	3,925	6	12,704
Other industries,	60	4,838,266	3,524,322	1,019,595	1,689	5,643,747
HOLYOKE.						
Automobile repairing,	203	51,683,053	25,362,448	8,994,970	17,493	44,041,155
Bread and other bakery products,	6	53,650	3,616	9,288	10	23,200
Flour-mill and grist-mill products,	33	222,133	313,190	83,473	124	560,774
Foundry and machine-shop products,	3	21,850	110,902	2,322	4	118,374
Lumber, planing-mill products,	18	3,556,870	886,305	584,920	895	2,173,844
Mineral and soda waters,	4	292,149	366,495	136,642	182	641,353
Paper and wood pulp,	3	5,810	4,998	2,950	5	19,250
Paper goods, not elsewhere specified,	21	13,885,129	8,271,811	2,486,794	4,689	13,178,525
Printing and publishing, book and job, ¹	5	1,218,006	1,257,771	282,485	496	1,931,564
Printing and publishing, newspapers and periodicals,	14	106,005	29,264	34,824	61	109,108
Sausage, not made in slaughtering and meat-packing establishments,	9	195,806	52,414	68,564	76	265,134
Stationery goods, not elsewhere specified,	7	14,855	43,980	7,408	9	73,632
Tobacco manufactures,	7	1,639,283	924,084	334,032	655	1,891,009
Other industries,	13	48,570	39,506	42,356	64	117,788
	79	30,417,932	13,053,112	4,918,212	10,223	22,937,600

¹ Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
LAWRENCE.						
Artificial stone products,	221	\$99,639,625	\$45,159,930	\$16,778,449	31,043	\$73,177,808
Bread and other bakery products,	4	12,450	9,605	6,012	10	20,200
Brooms,	59	260,133	476,031	108,364	171	799,739
Cotton goods,	3	9,200	14,269	8,070	12	26,222
Foundry and machine-shop products,	4	9,128,792	4,656,431	1,832,566	4,189	7,143,127
	21	1,425,826	690,902	459,482	780	1,443,267
Models and patterns, not including paper patterns,						
Printing and publishing,	3	6,840	1,578	7,329	8	12,785
Sausage, not made in slaughtering and meat-packing establishments,	20	249,978	82,298	93,223	119	282,964
Tobacco manufactures,	11	41,556	91,753	16,810	26	135,328
Woolen and worsted goods,	5	4,576	5,674	7,415	10	19,494
Other industries,	11	68,365,499	32,596,609	10,456,724	20,565	51,584,497
	80	20,134,776	6,527,060	2,782,447	5,203	11,710,180
LOWELL.						
Boots and shoes,	300	68,714,844	33,104,334	14,001,930	99,904	56,048,641
Boxes, fancy and paper,	9	1,119,172	2,354,750	684,251	1,485	3,549,043
Boxes, wooden packing,	3	169,109	85,364	73,232	148	212,861
Bread and other bakery products,	7	263,016	476,565	113,798	232	656,219
Confectionery and ice cream,	57	170,408	415,188	145,726	221	734,044
Confectionery,	7	11,660	34,180	5,494	8	56,771
Ice cream,	4	5,800	12,309	2,488	4	19,971
	3	5,850	21,871	2,936	4	36,800

Copper, tin, and sheet-iron products,	6	28,164	20,768	18,666	30	58,572
Cotton goods,	8	28,125,470	14,238,517	5,753,602	13,066	28,005,921
Cotton small wares,	4	124,217	94,383	34,076	76	172,412
Foundry and machine-shop products,	26	4,370,300	1,283,182	1,122,251	1,841	2,788,452
Lumber, planing-mill products,	8	306,987	301,299	83,612	114	471,634
Mattresses and spring beds,	3	16,206	24,083	7,467	18	40,820
Mineral and soda waters,	7	43,943	14,834	7,446	13	39,050
Monuments and tombstones,	9	10,180	7,256	7,724	11	32,685
Patent medicines and compounds and druggists' preparations,	8	1,023,777	331,383	92,111	160	795,241
Printing and publishing, ¹	22	503,373	379,702	163,649	209	694,240
Tobacco manufactures,	10	34,475	24,321	14,065	25	59,963
Wood, turned and carved,	4	248,918	181,572	138,690	354	403,835
Woolen and worsted goods,	9	4,100,687	2,436,436	931,019	1,916	3,923,754
Other industries,	93	27,944,783	10,510,441	4,805,121	9,977	18,353,029
LYNN.						
Blackings, stains, and dressings,	499	44,559,508	38,695,177	15,593,433	25,339	69,783,413
Boot and shoe cut stock and findings,	10	120,356	295,280	43,382	62	525,451
Boots and shoes,	88	5,234,435	11,730,402	760,552	1,448	13,824,243
Boxes, fancy and paper,	106	12,825,756	16,375,174	8,031,284	12,331	30,066,815
Bread and other bakery products,	5	428,939	410,744	177,025	353	735,943
Carriages and wagons, and materials,	39	216,154	445,980	154,340	206	784,033
Confectionery and ice cream,	6	44,537	19,365	24,970	33	59,622
Foundry and machine-shop products,	4	46,335	54,241	10,298	17	82,305
Leads,	28	718,921	152,958	238,041	327	593,737
Leather, tanned, curried, and finished,	8	372,450	105,391	152,591	234	389,107
	9	2,192,302	3,020,076	316,718	633	3,848,671

¹ Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
LYNN — Concluded.						
Lumber, planing-mill products,	5	\$171,666	\$134,313	\$61,049	87	\$377,128
Mineral and soda waters,	4	51,612	24,641	15,617	21	67,087
Models and patterns, not including paper patterns,	10	36,454	14,144	33,444	41	93,973
Monuments and tombstones,	4	27,246	14,868	13,953	16	44,793
Printing and publishing, book and job,	21	221,121	123,774	82,891	145	344,845
Printing and publishing, newspapers and periodicals,	6	205,423	81,870	136,799	146	336,924
Tobacco manufactures,	6	9,770	12,186	10,427	18	32,345
Other industries,	70	21,328,331	5,779,771	5,330,101	9,221	17,676,391
MALDEN.						
All industries,	92	11,346,838	3,948,698	1,477,471	2,850	8,366,344
	92	11,346,838	3,248,693	1,477,471	2,850	8,366,344
MARLBOROUGH.						
All industries,	43	3,155,909	6,467,386	2,119,443	3,823	9,983,639
	43	3,155,909	6,467,386	2,119,443	3,823	9,983,639
MEDFORD.						
All industries,	54	2,368,772	1,855,336	355,268	559	2,618,898
	54	2,368,772	1,855,336	355,268	559	2,618,898
MELROSE.						
All industries,	26	3,472,706	1,334,121	484,407	962	2,499,029
	26	3,472,706	1,334,121	484,407	962	2,499,029

NEW BEDFORD.						
	233	88,243,781	37,573,647	16,553,166	33,343	65,575,005
Bread and other bakery products,	53	577,919	741,248	185,667	349	1,218,767
Cotton goods,	29	73,230,430	30,317,845	13,716,067	28,719	51,766,234
Foundry and machine-shop products,	18	378,640	229,145	190,128	302	522,256
Lumber, planing-mill products,	6	80,476	134,648	49,189	72	211,676
Mineral and soda waters,	8	83,724	42,339	15,837	23	86,285
Monuments and tombstones,	8	27,108	10,449	9,738	12	35,819
Oil, not elsewhere specified,	4	584,046	599,137	40,195	66	760,514
Printing and publishing,	19	527,784	150,778	191,177	266	531,788
Sausage, not made in slaughtering and meat-packing establishments,	6	49,790	255,739	21,290	33	311,418
Tobacco manufactures,	4	7,572	7,891	4,201	7	18,086
Other industries,	73	7,696,292	5,084,428	2,134,667	3,489	10,112,162
NEWBURYPORT.						
Boot and shoe cut stock and findings,	54	5,973,459	4,767,085	1,655,808	3,349	8,245,998
Boots and shoes,	5	190,195	216,335	53,397	146	389,830
Boxes, fancy and paper,	9	1,690,155	2,168,344	905,513	1,778	3,646,541
Bread and other bakery products,	3	24,545	25,308	21,635	45	57,158
Other industries,	10	177,928	158,189	43,351	82	336,785
	27	3,890,629	2,188,859	631,912	1,298	3,815,694
NEWTON.						
Bread and other bakery products,	68	5,581,468	3,141,793	1,184,576	9,154	5,822,853
Lumber, planing-mill products,	11	38,075	51,502	12,059	19	87,464
Printing and publishing,	5	245,948	167,014	76,646	98	292,865
Other industries,	10	50,997	18,823	24,097	39	80,427
	33	5,246,448	2,904,454	1,071,774	1,998	5,362,097

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
NORTH ADAMS.						
Bread and other bakery products,	70	\$15,089,348	\$5,697,187	\$3,775,498	6,988	\$10,923,576
Foundry and machine-shop products,	10	213,264	355,134	75,221	152	614,004
Mineral and soda waters,	5	339,167	104,866	101,014	163	316,898
Printing and publishing,	5	8,620	4,625	2,635	4	12,920
Tobacco manufactures,	7	104,915	37,557	45,023	73	132,230
Other industries,	8	21,653	30,169	30,980	51	82,750
	85	12,401,729	5,164,776	2,520,605	4,845	9,768,773
NORTHAMPTON.						
Bread and other bakery products,	76	11,000,040	3,888,390	1,960,419	3,446	8,580,730
Cutlery and tools, not elsewhere specified,	11	70,680	126,038	32,777	53	228,304
Printing and publishing,	4	541,133	126,961	239,621	429	451,300
Tobacco manufactures,	7	58,431	24,249	32,068	43	113,871
Other industries,	6	12,631	14,407	9,051	14	36,763
	47	10,377,165	3,596,665	1,646,902	2,907	7,750,492
PITTSFIELD.						
Bread and other bakery products,	84	\$3,069,988	\$1,199,336	\$4,639,517	7,400	\$3,341,937
Lumber and timber products,	18	91,653	175,461	49,553	71	300,266
Printing and publishing,	5	110,026	35,789	26,796	32	85,937
Woolen and worsted goods,	11	163,771	90,317	84,455	107	266,378
Other industries,	5	2,837,538	2,008,773	1,037,870	1,932	3,687,302
	45	19,367,000	6,818,991	3,463,843	5,343	17,901,354

QUINCY.		177	11,576,798	5,087,779	4,584,389	5,783	19,097,459
Bread and other bakery products,	.	10	10,600	55,056	11,623	20	81,749
Cutlery and tools, not elsewhere specified,	.	4	49,183	26,788	15,402	22	60,957
Foundry and machine-shop products,	.	9	2,178,246	229,611	310,038	418	953,287
Marble and stone work,	.	12	653,399	110,723	151,277	178	419,007
Monuments and tombstones,	.	105	1,319,270	675,200	779,952	1,012	2,192,386
Printing and publishing,		8	33,322	10,460	14,660	27	63,207
Other industries,		29	7,132,778	3,979,941	3,301,430	4,106	8,326,859
SALEM.		178	9,893,590	8,145,917	8,808,918	5,394	18,652,586
Boot and shoe cut stock and findings,	.	26	346,241	664,149	156,950	394	997,481
Boots and shoes,	.	12	1,872,228	2,713,140	1,141,786	2,159	4,665,750
Bread and other bakery products,	.	21	95,326	199,585	55,252	87	317,614
Foundry and machine-shop products,	.	16	343,635	134,897	102,001	141	322,223
Leather, tanned, curried, and finished,	.	31	1,516,107	2,441,143	618,227	1,102	3,708,309
Mineral and soda waters,		4	36,047	12,695	3,293	6	30,192
Printing and publishing, ¹	.	15	240,298	96,800	76,761	119	341,674
Other industries,		53	5,373,638	1,883,006	648,643	1,286	3,269,343
SOMERVILLE.		144	20,896,406	36,496,539	3,339,681	5,439	43,971,991
Bread and other bakery products,	.	31	198,305	285,067	119,940	173	667,874
Carriages and wagons, and materials,	.	4	75,004	21,309	31,185	45	71,845
Confectionery and ice cream,	.	8	85,074	181,302	46,620	77	311,197
Foundry and machine-shop products,	.	10	196,007	87,824	52,480	79	210,389
Printing and publishing,	.	17	53,007	22,013	29,792	44	113,635
Other industries,		74	20,289,009	35,799,024	3,059,664	5,012	42,596,351

¹ Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
SPRINGFIELD.						
Automobiles, including bodies and parts,	396	845,753,557	831,915,186	89,350,465	14,940	844,438,854
Automobile repairing,	7	1,799,577	759,039	444,026	478	1,324,284
Brass, bronze, and copper products,	11	73,745	26,523	34,203	39	115,275
Bread and other bakery products,	6	340,537	279,187	117,089	176	480,484
Carriages and wagons, and materials,	46	704,537	756,120	191,165	286	1,414,101
Copper, tin, and sheet-iron products,	7	136,524	41,742	30,741	38	105,124
Cutlery and tools, not elsewhere specified,	10	97,115	69,427	59,396	78	179,345
Fancy articles, not elsewhere specified,	5	715,522	127,160	227,531	339	784,291
Foundry and machine-shop products, ¹	4	74,001	43,162	29,365	74	113,773
Lumber, planing-mill products,	39	4,959,885	1,072,271	1,021,220	1,446	3,288,560
Mattresses and spring beds,	5	212,651	230,744	64,165	79	342,738
Mineral and soda waters,	6	184,460	102,395	34,309	66	177,168
Models and patterns, not including paper patterns,	8	46,868	27,371	12,517	18	66,993
Paper goods, not elsewhere specified,	5	16,423	3,579	26,046	28	49,873
Photo-engraving,	7	1,291,306	957,818	253,916	479	1,584,295
Printing and publishing,	4	29,129	8,440	50,252	46	90,415
Tobacco manufactures,	59	4,218,863	1,037,150	815,627	1,166	3,736,770
Other industries,	26	346,943	414,334	346,320	487	920,205
	140	30,504,416	15,948,774	5,592,525	8,917	29,635,155

TAUNTON.						
Bread and other bakery products,	115	17,693,313	8,108,324	4,134,824	7,371	15,885,819
Brick and tile,	11	85,554	164,069	47,835	70	266,275
Cotton goods,	4	439,626	92,416	130,092	225	304,195
Foundry and machine-shop products,	8	6,604,569	3,193,919	1,307,177	2,915	5,379,096
Lumber and timber products,	11	2,860,731	502,205	546,377	854	1,292,495
	4	44,700	37,345	22,842	35	83,388
Mineral and soda waters,	3	12,200	6,296	2,670	8	16,500
Printing and publishing,	9	149,305	46,637	49,520	78	162,456
Stoves and hot-air furnaces, not including gas and oil stoves,	6	1,162,448	524,323	635,542	817	1,704,061
Tobacco manufactures,	6	15,775	17,687	13,656	26	43,120
Other industries,	53	6,318,404	3,521,277	1,379,113	2,343	6,634,226
WALTHAM.						
Bread and other bakery products,	88	22,393,313	3,315,425	4,004,598	6,465	10,336,913
Confectionery and ice cream,	9	74,830	196,657	42,737	55	305,628
Foundry and machine-shop products,	6	5,700	25,736	6,772	11	52,700
Marble and stone work,	15	809,324	228,540	280,218	410	679,345
Tobacco manufactures,	4	10,400	5,005	4,113	6	16,350
	3	5,245	8,182	7,800	9	21,631
Watch and clock materials,	4	104,495	34,127	67,871	108	131,627
Other industries,	47	21,281,619	3,317,188	3,595,087	5,866	9,029,631
WOBYEN.						
Boot and shoe cut stock and findings,	57	9,772,036	3,351,380	914,653	1,565	5,517,306
Bread and other bakery products,	4	109,212	71,243	34,810	81	118,825
Foundry and machine-shop products,	4	8,100	21,460	9,532	15	39,100
Leather, tanned, curried, and finished,	6	361,843	118,324	90,243	142	285,642
Other industries,	19	7,201,716	2,338,537	533,887	919	3,451,202
	24	2,091,165	801,816	246,181	408	1,623,037

¹ Not including automobile repairing, the figures for which are separately presented.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Worcester.						
Awnings, tents, and sails,	608	\$79,243,087	\$46,793,931	\$17,833,836	29,459	\$32,829,366
Boots and shoes,	4	9,090	11,028	4,683	12	20,434
Brass, bronze, and copper products,	9	1,541,880	1,795,787	503,980	909	2,627,744
Bread and other bakery products,	4	53,453	35,960	12,907	16	56,584
Carriages and wagons, and materials,	71	474,587	917,107	231,825	397	1,507,616
	10	165,129	57,092	58,193	78	170,218
Clothing, men's,	13	297,233	404,831	109,831	240	668,430
Clothing, women's,	19	699,508	924,191	315,404	834	1,651,553
Confectionery and ice cream,	13	71,354	124,210	33,767	46	238,784
Confectionery,	8	31,751	70,656	21,277	29	122,174
Ice cream,	5	39,603	53,554	11,490	17	116,610
Copper, tin, and sheet-iron products, ¹	17	1,020,292	472,324	317,566	518	1,191,014
Cutlery and tools, not elsewhere specified,	12	793,047	198,151	276,379	337	656,483
Electroplating,	5	19,914	11,973	17,805	33	45,465
Engraving and dieinking,	4	2,195	110	1,650	3	7,821
Foundry and machine-shop products,	89	15,870,648	4,543,192	4,019,618	6,048	12,225,893
Lumber, planing-mill products,	9	1,406,692	483,490	303,275	398	891,332
Mineral and soda waters,	7	96,334	61,876	30,614	39	141,279

Models and patterns, not including paper patterns,	4	11,708	6,589	18,972	24	38,244
Patent medicines and compounds, and druggists' preparations,	11	171,250	78,897	39,526	79	177,912
Photographic materials,	3	88,629	34,736	20,913	37	92,930
Printing and publishing,	59	895,775	448,401	451,111	690	1,628,649
Sausage, not made in slaughtering and meat-packing establishments,	4	65,736	225,766	28,723	39	277,400
Tobacco manufactures,	20	55,352	77,728	50,604	83	173,007
Window shades and fixtures,	3	56,628	17,147	7,992	15	39,980
Wirework, including wire rope and cable,	9	2,733,615	1,236,873	554,339	1,066	2,603,834
Woolen and worsted goods,	12	2,006,339	2,291,969	691,805	1,583	3,585,143
Other industries,	195	50,636,804	31,334,503	9,532,349	15,928	52,111,608
TOTAL FOR THE 33 CITIES,	3,898	81,153,088,725	8886,455,668	8849,888,978	438,830	81,917,496,916

1 Includes 11 establishments manufacturing stamped and enameled ware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
METROPOLITAN BOSTON.						
Artificial stone,	5,153	\$474,353,536	\$322,455,579	\$197,139,363	172,375	\$584,115,582
Automobiles, including bodies and parts,	17	236,098	106,353	138,301	197	363,449
Automobile repairing and vulcanizing,	27	2,473,254	2,197,519	1,064,442	1,388	4,334,090
Awnings, tents, and sails,	31	184,451	124,446	146,603	106	392,894
Baskets, and rattan and willow ware,	25	183,229	320,209	132,881	208	608,551
Belting and hose, leather,	6	13,055	22,618	13,621	29	52,832
Billiard tables and materials,	4	310,126	623,468	36,290	52	903,887
Blackings, stains, and dressings,	5	137,789	105,722	31,362	41	192,334
Bookbinding and blank-book making,	32	1,033,993	1,490,537	214,842	438	2,625,956
Boot and shoe cut stock and findings,	63	1,399,333	685,099	915,822	1,737	2,276,226
Boots and shoes,	151	12,723,892	25,751,926	1,606,388	2,965	30,015,043
Boots and shoes, rubber,	147	28,492,304	34,949,155	15,757,105	25,926	61,323,454
Boxes, fancy and paper,	5	18,752,005	7,939,778	3,809,708	6,852	18,435,960
Boxes, wooden packing,	43	1,744,844	1,618,865	942,730	2,134	3,282,160
Brass, bronze, and copper products,	10	1,092,829	798,537	270,911	468	1,356,911
Bread and other bakery products,	35	1,834,605	1,385,693	539,179	806	2,400,635
Brick and tile,	557	8,605,192	9,772,015	2,658,069	4,482	18,643,486
	10	642,003	145,026	210,555	341	460,758

Canning and preserving,	29	1,197,196	1,787,345	259,217	488	2,807,082
Carriages and wagons, and materials,	50	874,601	441,031	438,151	592	1,150,574
Chemicals,	18	4,694,418	2,126,641	585,180	820	4,263,374
Cleansing and polishing preparations,	20	272,707	292,288	33,064	53	573,690
Clothing, men's,	183	6,262,625	7,947,186	2,745,000	4,968	14,440,631
Clothing, men's, buttonholes,	3	1,050	526	1,560	4	6,072
Clothing, women's,	160	3,578,131	5,867,926	2,372,899	4,514	10,881,225
Coffee and spice, roasting and grinding,	18	3,612,738	6,233,300	258,678	454	8,591,529
Confectionery and ice cream,	134	10,199,877	19,024,639	9,681,336	6,538	19,908,455
Confectionery,	95	9,567,502	11,219,748	2,474,275	6,294	18,368,949
Ice cream,	39	561,775	874,881	187,061	244	1,534,506
Cooperage,	4	354,462	491,210	169,168	276	727,707
Copper, tin, and sheet-iron products,	74	1,852,680	1,255,680	692,988	990	2,788,404
Cordials and sirups,	9	213,301	329,178	24,372	51	519,049
Cutlery and tools, not elsewhere specified,	32	3,873,156	819,101	444,761	853	3,448,014
Dentists' materials,	8	70,214	408,920	33,313	55	484,512
Dyeing and finishing textiles,	14	1,938,742	632,213	549,051	1,109	1,595,208
Dyestuffs and extracts,	13	656,596	698,258	62,598	88	1,022,334
Electrical machinery, apparatus, and supplies,	59	27,419,716	9,512,854	7,319,873	12,262	25,346,354
Electroplating,	25	74,872	46,659	84,682	113	201,125
Enameling and japanning,	4	27,553	9,650	13,531	19	35,069
Engraving and diesinking,	25	68,723	28,574	62,491	74	154,852
Engraving, steel and copper plate, including plate printing,	24	553,128	125,756	233,990	347	582,888
Fancy articles, not elsewhere specified,	15	366,786	237,902	162,154	319	548,797
Felt goods,	6	1,604,851	596,062	165,829	362	1,018,847

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
Metropolitan Boston — Continued.						
Flavoring extracts,	14	\$368,942	\$352,422	\$33,514	70	\$702,277
Flour-mill and grist-mill products,	7	119,484	137,959	4,185	8	157,165
Food preparations,	42	871,757	1,433,151	218,552	356	3,096,600
Foundry and machine-shop products,	266	22,873,067	6,712,576	5,744,693	8,080	18,728,881
Fur goods,	17	522,963	476,267	146,276	208	861,877
Furnishing goods, men's,	7	425,700	668,041	117,849	237	1,039,635
Furniture,	71	4,704,277	2,579,754	1,656,517	2,505	6,314,106
Gas and electric fixtures,	11	127,039	105,376	71,584	100	342,092
Gas, illuminating and heating,	14	40,736,406	3,165,798	799,907	1,171	8,524,168
Glass, cutting, staining, and ornamenting,	25	106,717	60,264	103,532	141	270,083
Gold and silver, leaf and foil,	8	81,364	110,699	55,457	99	197,026
Grease and tallow,	11	1,023,660	755,052	139,407	194	1,025,887
Hand stamps and stencils and brands,	20	71,927	27,731	48,881	66	162,726
Hardware,	18	317,057	100,334	103,970	141	304,344
Hats and caps, other than felt, straw, and wool,	29	185,914	396,641	163,803	278	712,407
Hosiery and knit goods,	32	5,057,415	3,344,799	1,213,668	2,532	6,145,781
House-furnishing goods, not elsewhere specified,	20	831,038	736,473	177,830	393	1,161,628

Instruments, professional and scientific,	19	1,020,784	432,398	367,354	528	1,028,081
Jewelry,	52	740,112	489,343	283,561	450	1,160,812
Jewelry and instrument cases,	7	310,322	182,208	133,494	340	470,020
Leads,	12	588,139	200,093	289,256	333	639,037
Leather goods, not elsewhere specified,	22	384,026	513,966	124,076	220	875,879
Leather, tanned, curried, and finished,	44	11,420,644	8,968,265	1,451,461	2,516	12,242,772
Liquors, malt, ¹	13	13,688,141	2,593,579	1,148,563	1,225	8,836,272
Looking-glass and picture frames,	26	196,284	135,299	102,938	144	414,534
Lumber and timber products,	89	3,108,464	3,010,567	1,202,171	1,533	5,205,186
Marble and stone work,	37	1,660,598	641,974	637,142	790	1,757,975
Mattresses and spring beds,	29	632,185	1,150,392	278,404	553	1,966,281
Millinery and lace goods,	60	1,601,280	2,239,032	671,674	1,547	3,945,499
Mineral and soda waters,	50	959,934	601,564	145,718	199	1,379,750
Mirrors,	8	213,612	230,337	85,076	132	440,572
Models and patterns, not including paper patterns,	37	156,642	47,996	138,068	168	324,147
Monuments and tombstones,	131	1,497,715	734,724	854,096	1,104	2,419,500
Mucilage and paste,	11	616,459	738,058	52,039	74	1,132,303
Musical instruments and materials, not specified,	15	255,850	137,166	184,390	245	333,463
Musical instruments, pianos and organs, and materials,	28	9,209,569	2,719,332	1,680,867	2,485	5,702,320
Paints and varnishes,	24	2,710,483	2,184,164	268,007	424	4,189,603
Paper goods, not elsewhere specified,	16	402,885	352,551	147,498	352	695,271
Patent medicines and compounds, and druggists' preparations,	102	3,652,280	2,667,816	524,381	1,078	6,568,532
Photo-engraving,	21	458,449	153,800	430,196	481	1,057,355

¹ Includes one establishment having four separate plants.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Metropolitan Boston — Concluded.						
Plumbers' supplies,	0	\$509,618	\$240,904	\$184,917	238	\$891,138
Pocketbooks,	6	80,338	78,684	28,308	66	127,086
Printing and publishing, book and job,	426	14,688,116	4,308,341	8,649,141	6,180	18,788,888
Printing and publishing, newspapers and periodicals,	243	12,436,897	6,834,483	8,438,377	8,463	19,888,869
Refrigerators,	8	198,645	161,260	93,008	83	326,708
Rubber goods, not elsewhere specified,	19	2,837,859	1,988,086	488,838	706	8,027,086
Saddlery and harness,	16	80,388	83,147	88,628	47	122,804
Sausage, not made in slaughtering and meat-packing establishments,	10	843,889	1,170,240	142,042	197	1,861,860
Screws, machine,	8	421,097	112,719	98,187	149	282,778
Shipbuilding, wooden, including boat building,	28	871,863	220,080	197,306	239	614,669
Shirts,	7	608,398	218,712	108,714	228	428,288
Show cases,	9	82,746	68,607	42,816	81	144,864
Signs and advertising novelties,	18	207,888	199,198	146,088	273	491,948
Slaughtering and meat packing,	21	16,386,854	87,088,949	1,832,861	2,478	41,866,888
Soap,	28	2,889,602	1,922,489	208,222	874	8,926,886
Stationery goods, not elsewhere specified,	7	604,972	711,978	276,168	543	1,188,161
Statuary and art goods,	12	448,328	88,500	101,282	128	278,864

	10	5,151,802	1,225,186	1,147,550	1,801	3,357,303
Steam fittings and steam and hot-water heating apparatus,	10	5,151,802	1,225,186	1,147,550	1,801	3,357,303
Steam packing,	10	118,403	91,499	48,072	57	219,944
Stereotyping and electrotyping,	8	183,608	95,096	118,960	156	318,643
Structural ironwork,	41	2,433,923	1,499,904	977,694	1,295	3,203,182
Suspenders, garters, and elastic woven goods,	15	1,932,448	1,760,212	574,692	1,276	3,107,600
Surgical appliances,	12	139,562	99,742	81,003	125	280,829
Tobacco manufactures,	144	3,284,495	2,814,976	2,359,481	2,753	6,870,000
Trunks and valises,	17	201,982	289,893	115,582	192	558,940
Watch and clock materials,	5	137,995	37,212	84,457	158	165,755
Window and door screens and weather strips,	14	82,979	97,153	54,161	90	221,362
Window shades and fixtures,	10	150,389	265,247	37,257	63	391,364
Wirework, including wire rope and cable,	9	138,809	73,354	82,240	118	235,662
Wood, turned and carved,	11	94,387	18,170	26,144	34	61,101
Wooden goods, not elsewhere specified,	6	129,278	181,582	57,359	81	294,071
Woolen and worsted goods,	4	2,426,879	2,320,333	593,481	1,066	3,445,535
Other industries,	404	122,150,752	65,328,929	20,288,327	31,553	109,782,052

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

CITIES AND TOWNS.			Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
METROPOLITAN BOSTON.								
Boston,	.	.	5,153	\$474,353,526	\$323,455,579	\$167,139,932	172,375	\$594,115,593
Lynn, .	.	.	3,138	215,176,513	150,568,280	49,444,377	78,894	284,802,479
Cambridge, .	.	.	429	44,252,508	38,695,177	15,593,482	25,339	69,783,418
Somerville, .	.	.	316	48,999,298	31,534,696	10,216,990	16,749	57,483,949
Chelsea, .	.	.	144	20,896,406	36,496,539	3,339,681	5,429	43,971,291
Watertown, .	.	.	123	12,418,891	9,414,598	3,853,613	6,241	16,971,028
Everett, .	.	.	30	10,942,555	6,693,617	2,855,286	4,787	14,764,326
Quincy, .	.	.	85	26,408,547	6,510,753	2,046,650	3,226	13,219,200
Waltham, .	.	.	177	11,376,792	5,087,779	4,584,382	5,783	12,097,452
Malden, .	.	.	88	22,292,213	3,815,435	4,004,598	6,465	10,236,912
Weymouth, .	.	.	92	11,346,838	3,243,693	1,477,471	2,850	8,366,344
Wakefield, .	.	.	40	7,601,946	5,058,347	1,196,197	2,074	8,251,041
Newton, .	.	.	23	4,204,979	3,143,814	1,195,573	2,008	6,057,659
Woburn, .	.	.	58	5,581,468	3,141,793	1,184,576	2,154	5,822,853
Winchester, .	.	.	57	9,772,036	3,351,380	914,653	1,565	5,517,806
Braintree, .	.	.	19	2,527,427	3,602,002	643,440	1,048	5,159,479
Canton, .	.	.	18	3,309,912	3,439,993	1,191,692	1,812	4,608,791
	.	.	18	2,888,092	1,969,504	509,506	879	3,201,761

MADFORD,	.	.	.	.	.	.	.	.	54	2,368,772	1,855,336	355,268	559	2,618,893
MILROSE,	.	.	.	.	.	.	.	.	26	3,472,706	1,334,121	484,407	962	2,499,029
Stoneham,	.	.	.	.	.	.	.	.	23	1,121,548	1,566,176	497,602	1,041	2,481,775
Needham,	.	.	.	.	.	.	.	.	24	1,807,618	858,045	414,730	748	1,914,023
Brookline,	.	.	.	.	.	.	.	.	21	1,122,761	217,875	238,908	335	658,502
Arlington,	.	.	.	.	.	.	.	.	19	1,056,411	276,850	185,076	246	641,092
Wellesley,	.	.	.	.	.	.	.	.	10	772,474	370,971	136,184	257	627,240
Dedham,	.	.	.	.	.	.	.	.	15	615,386	210,541	120,326	256	427,690
Belmont,	.	.	.	.	.	.	.	.	9	167,823	239,308	86,684	140	387,443
Revere, .	.	.	.	.	.	.	.	.	27	445,424	219,667	68,633	80	349,696
Lexington,	.	.	.	.	.	.	.	.	11	447,597	178,851	57,607	90	336,343
Milton, .	.	.	.	.	.	.	.	.	6	178,465	72,492	37,098	58	176,742
Hingham,	.	.	.	.	.	.	.	.	8	193,486	59,565	68,327	124	166,766
Winthrop,	.	.	.	.	.	.	.	.	10	110,488	38,134	11,256	16	77,994
Saugus, .	.	.	.	.	.	.	.	.	12	88,994	32,511	18,409	32	70,645
Swampscott, .	.	.	.	.	.	.	.	.	7	23,776	31,948	8,788	13	54,802
Other towns, ¹	.	.	.	.	.	.	.	.	17	362,381	120,788	98,563	115	311,128

¹ Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
E. FOR 117 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

Towns and Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
Abington,	22	\$2,867,771	\$2,836,199	\$932,080	1,478	\$4,751,315
Acton,	12	1,413,160	455,513	155,319	227	844,450
Adams,	35	7,119,310	3,797,919	1,793,435	3,930	6,530,333
Bread and other bakery products,	6	72,372	54,654	16,106	26	105,159
Cotton goods,	4	5,513,961	2,965,442	1,500,653	3,314	5,089,455
Tobacco manufactures,	6	13,248	6,589	3,694	8	16,496
Other industries,	19	1,519,729	770,534	273,032	582	1,319,122
Amesbury,	59	\$,604,051	1,804,877	1,009,000	1,451	\$,551,434
Automobiles, including bodies and parts,	14	1,053,939	792,978	551,234	624	1,708,764
Boots and shoes,	3	201,720	267,059	116,402	208	464,118
Bread and other bakery products,	3	5,450	23,564	6,612	9	39,350
Shipbuilding, wooden, including boat building,	6	40,849	42,661	14,060	22	70,200
Other industries,	33	1,302,093	678,615	320,642	588	1,269,002
Amherst,	21	1,317,676	872,723	285,924	483	1,487,990
Andover,	13	3,407,524	1,414,398	628,859	1,265	2,748,108
Arlington,	19	1,056,411	276,850	185,076	246	641,092
Ashburnham,	12	916,757	211,988	201,793	341	552,313
Athol,	42	7,653,949	2,251,848	1,348,271	2,377	4,748,224

Attleborough,	151	15,655,504	7,379,347	3,518,140	6,058	19,946,884
Electroplating,	5	46,202	20,465	13,773	29	51,155
Engraving and diesinking,	11	52,707	4,536	31,184	46	65,996
Jewelry,	90	8,226,477	4,401,305	2,075,255	3,390	8,353,935
Other industries,	45	7,330,118	2,952,941	1,397,928	2,593	5,475,798
Ayer,	14	244,022	142,709	75,536	141	304,907
Barnstable,	15	54,574	57,372	22,271	43	109,029
Barre,	9	2,170,063	734,222	340,362	733	1,395,785
Becket,	8	219,180	97,452	49,698	101	208,842
Belmont,	9	167,823	239,308	86,684	140	387,443
Billerica,	10	4,998,044	1,470,568	558,016	955	2,423,427
Braintree,	18	3,309,912	3,439,993	1,191,692	1,812	4,608,791
Bridgewater,	21	2,455,841	4,308,629	1,510,769	2,398	6,555,266
Brookfield,	4	414,612	574,000	152,722	249	914,816
Brookline,	21	1,122,761	217,875	238,908	335	658,502
Canton,	18	2,888,092	1,969,504	509,505	879	3,201,761
Chester,	9	529,366	159,874	45,498	95	307,895
Clinton,	36	8,575,076	3,610,352	1,883,990	4,064	6,735,297
Concord,	6	519,877	312,388	127,908	200	580,592
Dalton,	10	1,883,396	902,576	395,093	734	1,995,760
Danvers,	27	2,096,702	2,398,553	665,341	1,700	3,787,541
Dedham,	15	615,386	210,541	120,326	256	427,690
Deerfield,	9	247,445	171,716	79,277	141	327,955
Dighton,	10	581,370	742,133	403,807	648	1,530,275
Douglas,	11	749,554	442,046	189,210	462	765,891
Dudley,	10	2,231,830	1,175,114	556,109	1,176	1,971,815

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.		Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Easthampton,	. . . . .	25	\$7,022,198	\$7,453,982	\$1,560,501	3,228	\$10,019,360
Easton, . . . . .	. . . . .	10	2,986,987	648,776	307,810	532	1,284,825
Erving, . . . . .	. . . . .	6	952,460	578,570	364,220	623	1,248,237
Essex, . . . . .	. . . . .	6	51,980	30,761	15,422	28	68,184
Foxborough, . . . . .	. . . . .	15	777,569	342,608	225,119	379	800,072
Framingham, . . . . .	. . . . .	49	9,284,889	4,447,082	2,256,880	3,982	8,726,574
Franklin, . . . . .	. . . . .	27	2,105,794	1,760,344	549,627	986	2,936,317
Gardner, . . . . .	. . . . .	64	13,533,921	3,079,430	3,084,024	3,964	7,449,987
Bread and other bakery products, . . . . .	. . . . .	6	12,850	52,655	19,428	29	96,080
Foundry and machine-shop products, . . . . .	. . . . .	8	220,535	81,535	67,783	123	213,877
Furniture, . . . . .	. . . . .	17	11,811,476	2,132,263	1,553,029	3,005	5,343,942
Printing and publishing, . . . . .	. . . . .	5	60,311	13,962	19,588	32	51,837
Tobacco manufactures, . . . . .	. . . . .	3	3,755	3,176	808	2	7,150
Other industries, . . . . .	. . . . .	25	1,424,994	795,809	423,388	773	1,737,131
Georgetown, . . . . .	. . . . .	7	166,086	221,776	76,083	154	365,872
Grafton, . . . . .	. . . . .	14	2,048,029	1,724,729	716,071	1,463	2,956,227
Great Barrington, . . . . .	. . . . .	21	3,232,140	1,408,728	503,319	1,035	2,333,797
Greenfield, . . . . .	. . . . .	50	4,465,297	1,422,425	876,790	1,602	3,527,101
Hanover, . . . . .	. . . . .	8	833,635	666,327	215,631	447	1,082,080
Hanson, . . . . .	. . . . .	8	293,788	184,912	84,810	136	382,943

Hingham,	.	.	.	.	.	.	.	193,486	59,565	68,327	124	166,756
Hudson,	.	.	.	.	.	.	.	3,850,868	3,637,428	1,105,909	2,173	5,596,557
Kingston,	.	.	.	.	.	.	.	279,783	146,788	85,088	139	282,856
Lee,	.	.	.	.	.	.	.	1,784,029	953,264	483,667	964	1,707,760
Leicester,	.	.	.	.	.	.	.	1,533,953	925,907	425,234	778	1,762,537
Leominster,	.	.	.	.	.	.	.	6,610,197	5,409,908	2,574,881	4,929	10,838,084
Bread and other bakery products,	.	.	.	.	.	.	.	14,777	65,434	19,662	26	105,772
Combs and hairpins,	.	.	.	.	.	.	.	1,303,552	1,566,218	745,291	1,410	2,891,263
Foundry and machine-shop products,	.	.	.	.	.	.	.	65,140	10,272	20,808	27	47,004
Other industries,	.	.	.	.	.	.	.	5,227,728	3,767,984	1,788,520	3,466	7,793,985
Lexington,	.	.	.	.	.	.	.	447,597	178,851	57,607	90	336,343
Manchester,	.	.	.	.	.	.	.	85,272	26,254	25,329	33	84,277
Mansfield,	.	.	.	.	.	.	.	2,139,545	1,414,382	406,894	742	2,366,230
Marblehead,	.	.	.	.	.	.	.	659,383	690,328	491,543	760	1,353,611
Boots and shoes,	.	.	.	.	.	.	.	371,380	569,157	344,391	645	1,980,477
Bread and other bakery products,	.	.	.	.	.	.	.	11,372	23,806	7,682	11	39,151
Shipbuilding, wooden, including boat building,	.	.	.	.	.	.	.	75,583	22,371	29,499	35	79,184
Other industries,	.	.	.	.	.	.	.	194,047	74,994	49,971	69	154,799
Medway,	.	.	.	.	.	.	.	423,754	489,638	240,052	400	778,622
Merrimac,	.	.	.	.	.	.	.	296,857	169,036	95,083	131	413,591
Methuen,	.	.	.	.	.	.	.	5,196,660	2,950,818	854,876	1,940	4,461,111
Middleborough,	.	.	.	.	.	.	.	3,413,023	3,245,361	949,318	1,700	5,089,692
Milford,	.	.	.	.	.	.	.	2,237,060	2,228,179	991,698	1,749	4,098,493
Boots and shoes,	.	.	.	.	.	.	.	746,219	1,268,318	410,051	729	1,919,557
Bread and other bakery products,	.	.	.	.	.	.	.	18,886	58,394	14,524	24	96,034
Slaughtering and meat packing,	.	.	.	.	.	.	.	23,750	35,251	2,992	3	49,772
Tobacco manufactures,	.	.	.	.	.	.	.	53,253	28,946	25,100	38	77,152
Other industries,	.	.	.	.	.	.	.	1,439,942	907,270	539,031	955	1,885,977

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- of Wage- Earners	Value of Product
Millbury,	27	\$2,603,366	\$1,254,817	\$429,874	814	\$2,068,136
Milton,	6	178,465	72,492	37,068	58	176,742
Monson,	9	1,227,770	988,942	382,535	639	1,648,478
Montague,	21	2,255,395	997,916	614,803	1,140	2,082,762
Natick,	38	2,856,461	2,317,528	744,906	1,347	4,566,253
Boots and shoes,	9	1,935,132	2,481,064	518,512	927	3,297,837
Other industries,	29	721,329	835,864	226,394	420	1,268,916
Needham,	24	1,807,618	858,045	414,730	748	1,914,083
Hand-knit goods,	5	14,900	3,770	3,600	6	15,762
Hosiery and knit goods,	8	1,571,706	677,904	346,891	627	1,511,419
Other industries,	11	221,012	176,671	64,239	115	336,842
North Andover,	8	1,781,742	1,648,859	664,088	1,181	2,739,633
North Attleborough,	74	5,705,598	1,914,154	1,383,659	2,350	4,867,725
Bread and other bakery products,	3	12,052	22,611	9,376	13	41,104
Jewelry,	40	4,013,909	1,269,052	968,638	1,570	3,187,056
Other industries,	31	1,679,631	622,491	405,245	667	1,639,565
North Brookfield,	9	1,272,632	789,421	202,070	463	1,216,807
North Reading,	6	108,713	69,502	44,087	72	162,536
Northbridge,	19	5,726,923	2,006,981	1,858,009	2,255	4,618,912
Northborough,	6	50,640	21,132	30,026	56	80,427

Norton.	.	.	.	.	.	.	.	.	.	6	1,082,630	264,565	311,331	600	721,111
Norwood,	.	.	.	.	.	.	.	.	.	25	7,883,155	8,919,223	1,570,071	2,305	10,897,834
Orange, .	.	.	.	.	.	.	.	.	.	21	2,475,135	781,911	467,604	971	1,968,193
Oxford, .	.	.	.	.	.	.	.	.	.	13	1,143,675	979,783	333,719	716	1,553,484
Woolen and worsted goods,	.	.	.	.	.	.	.	.	.	4	546,098	579,854	194,147	452	720,874
Other industries,	.	.	.	.	.	.	.	.	.	8	596,577	399,984	144,572	264	831,610
Palmer, .	.	.	.	.	.	.	.	.	.	25	1,673,583	3,030,763	1,255,699	2,633	5,562,169
Peabody,	.	.	.	.	.	.	.	.	.	77	31,330,990	13,343,436	3,072,100	5,435	13,441,906
Carriages and wagons, and materials,	.	.	.	.	.	.	.	.	.	4	44,400	13,839	21,034	24	43,730
Leather, tanned, curried, and finished,	.	.	.	.	.	.	.	.	.	33	16,563,799	10,047,055	2,376,139	4,165	14,720,944
Other industries,	.	.	.	.	.	.	.	.	.	40	4,672,791	2,182,542	674,927	1,296	3,677,232
Pepperell,	.	.	.	.	.	.	.	.	.	12	1,433,785	1,337,230	222,041	404	1,868,376
Plainville,	.	.	.	.	.	.	.	.	.	6	732,229	213,781	241,139	423	645,123
Plymouth,	.	.	.	.	.	.	.	.	.	37	11,771,353	10,123,143	1,481,426	2,345	13,904,545
Randolph,	.	.	.	.	.	.	.	.	.	10	716,423	914,880	298,683	412	1,475,671
Reading,	.	.	.	.	.	.	.	.	.	18	1,363,873	2,244,079	245,850	409	2,824,312
Revere, .	.	.	.	.	.	.	.	.	.	27	445,424	219,667	68,633	80	349,696
Rockland,	.	.	.	.	.	.	.	.	.	21	3,366,324	3,380,719	1,129,333	1,730	5,068,656
Boots and shoes,	.	.	.	.	.	.	.	.	.	6	2,714,627	2,560,169	1,004,774	1,537	4,086,915
Other industries,	.	.	.	.	.	.	.	.	.	15	551,997	720,550	124,453	203	971,741
Rockport,	.	.	.	.	.	.	.	.	.	15	641,557	236,693	273,646	407	816,369
Rowley, .	.	.	.	.	.	.	.	.	.	8	295,637	273,270	77,039	174	433,992
Saugus, .	.	.	.	.	.	.	.	.	.	12	38,994	32,511	18,409	32	70,645
Shelburne,	.	.	.	.	.	.	.	.	.	9	66,914	33,578	20,921	41	99,558
Shirley, .	.	.	.	.	.	.	.	.	.	8	1,249,287	634,350	239,945	514	1,168,675

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Concluded.
 E. FOR 117 TOWNS: BY INDUSTRIES — Concluded.

Towns and Industries.		Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
South Hadley,	.	13	\$1,704,348	\$978,714	\$316,449	850	\$1,605,888
Southbridge, .	.	25	7,649,324	3,287,883	2,271,018	4,332	7,306,430
Spencer, .	.	18	1,654,377	1,554,187	624,018	1,368	2,813,828
Stoneham, .	.	23	1,121,548	1,566,176	497,603	1,041	2,481,775
Stoughton, .	.	21	2,141,876	1,934,466	758,325	1,296	3,669,158
Swampscott, .	.	7	23,776	31,948	8,788	13	54,802
Templeton, .	.	19	1,828,524	1,128,505	515,094	903	2,180,571
Furniture,	.	7	784,320	340,599	227,422	431	677,508
Other industries,	.	12	1,114,204	844,906	287,672	472	1,503,303
Townsend, .	.	8	289,571	143,363	128,767	225	410,008
Uxbridge, .	.	16	2,186,050	1,647,896	537,876	1,097	2,430,349
Wakefield, .	.	22	4,204,979	3,143,814	1,193,573	2,008	6,057,659
Walpole, .	.	16	5,975,531	4,747,898	1,054,671	1,555	7,632,880
Ware, .	.	32	3,030,497	2,537,592	1,074,992	2,495	4,096,832
Wareham, .	.	18	2,284,439	521,391	365,214	629	1,024,983
Warren, .	.	9	1,493,168	1,126,477	525,789	1,277	1,689,241
Watertown, .	.	20	10,942,555	6,698,617	2,855,286	4,787	14,764,326
Wellesley, .	.	10	772,474	370,971	136,184	257	627,240

West Springfield,	29	6,154,427	2,410,324	1,530,674	2,209	5,039,953
West Stockbridge,	10	333,791	84,952	72,793	132	203,154
Westborough,	17	609,538	678,609	259,756	458	1,127,877
Westfield,	100	8,305,895	8,434,055	3,187,869	3,584	8,430,439
Bread and other bakery products,	10	35,278	63,859	20,701	29	114,819
Printing and publishing,	7	55,628	8,842	17,198	26	40,684
Tobacco manufactures,	17	269,171	185,351	128,841	232	455,692
Whips,	20	2,405,433	1,072,718	471,041	952	2,664,592
Other industries,	46	5,540,390	2,103,285	1,499,488	2,345	5,144,652
Westford,	17	1,048,234	1,935,182	473,560	885	2,624,310
Weymouth,	40	7,601,946	5,058,347	1,196,197	2,074	8,251,041
Boots and shoes,	6	2,640,571	2,658,890	887,641	1,391	4,620,848
Other industries,	34	4,961,375	2,399,457	308,556	683	3,630,193
Whitman,	24	3,875,648	3,709,421	1,415,242	2,044	5,978,118
Williamsburg,	12	443,795	441,388	153,492	308	731,152
Winchendon,	23	2,742,470	1,217,553	616,540	1,311	2,603,399
Winchester,	19	2,527,427	3,602,002	643,440	1,048	5,159,479
Winthrop,	10	110,488	38,134	11,256	16	77,994
All other towns,	757	74,119,355	39,785,992	14,021,295	27,363	69,257,639
TOTAL FOR THE TOWNS,	3,321	\$395,932,008	\$244,928,131	\$91,421,245	167,868	\$423,876,831

TABLE II. CHARACTER OF OWNERSHIP FOR 20 SELECTED INDUSTRIES — 1914.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
All Industries,	12,013	686,686	\$1,641,373,047	\$700,980,254
Individual,	5,902	44,683	117,430,275	56,899,973
Corporation,	3,985	502,727	1,349,811,377	583,547,372
Other,	2,126	59,288	174,131,395	69,541,909
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	49.1	7.4	7.2	8.0
Corporation,	33.2	82.8	82.2	82.2
Other,	17.7	9.8	10.6	9.8
Automobiles, including bodies and parts,	66	3,439	11,198,790	5,556,358
Individual,	19	206	657,088	394,457
Corporation,	35	3,019	9,942,047	4,757,800
Other,	12	214	599,655	404,101
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.8	6.0	5.9	7.1
Corporation,	53.0	87.8	88.8	85.6
Other,	18.2	6.2	5.3	7.3
Boots and shoes, exclusive of cut stock and findings,	464	76,944	200,529,858	80,204,178
Individual,	147	6,562	15,762,303	7,040,835
Corporation,	188	56,682	149,231,773	58,998,785
Other,	129	13,700	35,535,782	14,164,558
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.7	8.5	7.9	8.8
Corporation,	40.5	73.7	74.4	73.5
Other,	27.8	17.8	17.7	17.7
Boot and shoe cut stock and findings,	420	3,170	54,858,155	10,741,990
Individual,	207	2,332	11,528,454	2,811,673
Corporation,	97	3,590	25,135,338	4,781,093
Other,	116	2,248	17,904,363	3,149,223
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	49.3	28.5	21.1	26.2
Corporation,	23.1	44.0	46.0	44.5
Other,	27.6	27.5	32.9	29.3
Bread and other bakery products,	1,419	3,083	33,300,051	15,037,908
Individual,	1,179	3,319	13,663,609	5,769,649
Corporation,	68	3,394	14,158,909	7,142,368
Other,	172	1,370	5,486,533	2,125,986
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	83.1	41.1	41.0	38.4
Corporation,	4.8	42.0	42.5	47.5
Other,	12.1	16.9	16.5	14.1
Clothing, men's, including shirts,	227	7,645	19,613,767	9,198,642
Individual,	110	1,586	2,865,384	1,448,967
Corporation,	47	4,229	12,863,199	5,852,298
Other,	70	1,830	3,885,184	1,897,377
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	48.5	20.7	14.6	15.8
Corporation,	20.7	55.3	65.6	63.6
Other,	30.8	24.0	19.8	20.6

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
Clothing, women's,	202	6,076	\$13,932,537	\$6,318,362
Individual,	85	1,475	3,391,138	1,562,862
Corporation,	51	2,440	5,386,178	2,535,248
Other,	66	2,161	5,205,271	2,220,252
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.1	24.3	24.3	24.7
Corporation,	25.2	40.1	38.5	40.1
Other,	32.7	35.6	37.2	35.2
Confectionery,	145	6,775	20,097,995	7,832,750
Individual,	74	490	1,625,067	682,539
Corporation,	43	6,074	17,862,804	6,897,235
Other,	23	211	610,124	252,976
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	51.0	7.2	8.1	8.7
Corporation,	33.1	89.7	88.9	88.1
Other,	15.9	3.1	3.0	3.2
Cotton goods, including cotton small wares,	189	113,559	197,322,111	77,487,777
Individual,	7	352	688,173	252,454
Corporation,	169	111,304	192,909,028	76,117,519
Other,	13	1,903	3,724,910	1,117,804
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	3.7	.3	.3	.3
Corporation,	89.4	98.0	97.8	98.2
Other,	6.9	1.7	1.9	1.5
Cutlery and tools, not elsewhere specified,	137	6,485	12,974,022	9,580,500
Individual,	61	390	651,783	451,519
Corporation,	57	5,951	12,091,163	8,982,028
Other,	19	144	231,076	146,953
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	44.5	6.0	5.0	4.7
Corporation,	41.6	91.8	93.2	93.8
Other,	13.9	2.2	1.8	1.5
Electrical machinery, apparatus, and supplies,	91	17,125	43,869,294	26,172,387
Individual,	20	260	793,483	315,957
Corporation,	67	16,812	42,937,503	25,803,632
Other,	4	53	138,308	52,798
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	22.0	1.5	1.8	1.2
Corporation,	73.6	98.2	97.9	98.6
Other,	4.4	.3	.3	.2
Foundry and machine-shop products,¹	932	41,361	85,638,612	54,642,989
Individual,	342	3,026	6,088,172	3,962,721
Corporation,	437	36,523	75,828,890	48,352,200
Other,	153	1,812	3,721,550	2,334,068
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	36.7	7.3	7.1	7.2
Corporation,	46.9	88.3	88.6	88.5
Other,	16.4	4.4	4.3	4.3

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and automobile repairing.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	145	6,954	\$14,231,067	\$3,423,213
Individual,	49	598	1,130,161	694,641
Corporation,	63	5,482	11,347,640	6,795,091
Other,	33	874	1,803,256	933,481
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.8	8.6	8.0	8.2
Corporation,	43.4	78.9	79.4	80.7
Other,	22.8	12.5	12.6	11.1
Hosiery and knit goods,	69	10,631	17,257,319	3,111,362
Individual,	16	250	569,489	277,532
Corporation,	44	9,601	14,312,311	6,897,810
Other,	9	780	2,475,519	936,020
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	23.2	2.4	3.3	3.4
Corporation,	63.8	90.3	82.5	85.0
Other,	13.0	7.3	14.2	11.6
Jewelry,	202	6,505	14,175,857	7,465,725
Individual,	67	879	1,699,653	991,424
Corporation,	76	3,684	8,737,346	4,167,510
Other,	59	1,942	3,738,353	2,306,791
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.2	13.5	12.0	13.3
Corporation,	37.6	56.6	61.7	55.8
Other,	29.2	29.9	26.3	30.9
Leather, tanned, curried, and finished,	126	10,164	45,265,434	12,071,373
Individual,	39	1,228	2,428,279	1,114,968
Corporation,	61	7,742	38,741,662	9,403,220
Other,	26	1,194	4,095,493	1,553,185
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.0	12.1	5.4	9.2
Corporation,	48.4	76.2	85.6	77.9
Other,	20.6	11.7	9.0	12.9
Musical instruments, pianos and organs and materials,	52	3,908	3,213,341	4,511,208
Individual,	14	190	418,137	233,029
Corporation,	34	3,378	6,872,022	3,861,417
Other,	4	338	923,182	416,762
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	27.0	4.9	5.1	5.2
Corporation,	65.4	86.5	83.7	85.6
Other,	7.6	8.6	11.2	9.2
Paper and wood pulp,	80	13,401	43,352,545	16,741,797
Individual,	4	75	197,561	87,376
Corporation,	71	11,910	37,595,471	14,204,232
Other,	11	1,416	5,559,513	2,450,189
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.7	.6	.5	.5
Corporation,	82.6	88.9	86.7	84.9
Other,	12.7	10.5	12.8	14.6

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Es- tablish- ments	Average Number of Wage- earners	Value of Product	Value Added by Manu- facture
Printing and Publishing,	1,344	12,170	\$56,195,811	\$39,378,500
Individual,	722	3,474	6,990,797	5,106,101
Corporation,	425	12,417	43,085,864	30,382,233
Other,	197	2,279	6,119,750	3,891,246
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	53.7	19.1	12.4	13.0
Corporation,	31.6	68.3	76.7	77.1
Other,	14.7	12.6	10.9	9.9
Slaughtering and meat packing, includ- ing sausage,	167	3,532	54,446,687	6,970,370
Individual,	65	242	2,292,794	505,086
Corporation,	26	3,224	50,597,928	6,216,449
Other,	16	116	1,555,965	249,335
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	60.7	6.8	4.2	7.2
Corporation,	24.3	90.0	93.0	89.2
Other,	15.0	3.2	2.8	3.6
Woolen, worsted, and felt goods,	171	54,255	130,343,514	47,271,001
Individual,	17	1,506	2,867,826	1,286,248
Corporation,	129	48,749	117,937,868	42,516,042
Other,	25	4,000	9,542,820	3,468,801
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	10.0	2.8	2.2	2.7
Corporation,	75.4	89.9	90.5	90.0
Other,	14.6	7.3	7.3	7.3

TABLE III. WAGE-EARNERS.
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES—1914.

Industries.	Average Number of Wage- earners	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
THE STATE.	606,698	636,776	638,586	633,583	638,344	619,088	611,928	596,009	633,703	599,194	590,993	587,141	580,489
Agricultural implements,	325	424	463	484	465	421	351	218	175	181	215	240	263
Artificial limbs,	18	16	16	16	15	19	20	20	19	20	19	19	17
Artificial stone products,	324	248	235	278	320	341	356	370	380	394	359	324	283
Automobiles, including bodies and parts,	3,439	3,730	3,791	3,908	4,167	4,198	3,752	3,187	3,047	3,068	3,049	2,898	2,478
Automobile repairing,	348	327	331	334	353	362	363	371	361	352	349	337	337
Awnings, tents, and sails,	366	245	258	337	443	528	569	480	390	326	299	263	254
Baskets, and rattan and willow ware,	122	122	121	122	120	119	128	125	123	119	123	121	126
Belting, leather,	1,113	1,096	1,095	1,095	1,089	1,090	1,089	1,087	1,086	1,102	1,133	1,132	1,212
Belting and hose, woven,	183	168	178	162	186	189	190	192	183	188	180	189	191
Billiard tables and materials,	43	47	41	36	61	39	41	42	41	46	46	51	45
Blacking, stains, and dressings,	506	500	547	508	539	596	543	518	507	444	424	425	414
Bookbinding and blank-book makings,	3,317	3,255	3,343	3,341	3,342	3,360	3,323	3,404	3,325	3,336	3,320	3,253	3,303
Boot and shoe cut stock and findings,	8,170	9,143	9,034	8,906	8,460	8,113	7,645	7,557	7,701	7,763	7,790	7,911	8,017
Boots and shoes,	76,944	82,814	82,688	80,575	77,315	74,971	76,076	76,430	76,971	74,043	72,023	73,940	75,478
Boots and shoes, rubber,	8,087	7,796	7,760	7,963	8,110	8,209	8,259	7,577	8,026	7,845	8,117	8,328	8,554
Bones, sugar,	188	193	189	187	190	191	193	190	182	186	185	185	185
Bones, fancy and paper,	4,244	4,363	4,370	4,414	4,323	4,339	4,307	4,174	4,114	4,175	4,219	4,097	4,034

Bones, wooden packing,	2,995	3,096	3,111	3,130	3,079	3,081	2,983	2,890	2,918	2,910	2,951	2,898	2,893
Brass, bronzse, and copper products,	1,620	1,631	1,595	1,646	1,654	1,601	1,592	1,603	1,562	1,666	1,647	1,637	1,606
Bread and other bakery products,	8,083	7,893	8,029	8,113	8,061	8,067	8,144	8,249	8,123	8,049	8,185	8,090	7,993
Brick and tile,	1,124	662	665	675	987	1,566	1,674	1,670	1,656	1,536	1,121	725	551
Brooms,	121	123	120	127	124	123	120	121	117	118	120	122	117
Brushes,	1,437	1,568	1,519	1,496	1,478	1,426	1,396	1,412	1,373	1,408	1,406	1,402	1,360
Butter,	33	33	33	33	32	34	34	32	32	33	33	33	34
Buttons,	485	618	613	597	534	483	483	445	391	397	420	428	412
Canning and preserving,	1,903	1,794	1,930	1,777	1,735	1,638	1,919	1,923	1,909	2,023	2,150	2,123	1,915
Card cutting and designing,	5	5	5	5	5	5	5	5	5	5	5	5	5
Carpets and rugs, other than rag,	5,319	5,694	5,657	5,696	5,656	5,560	5,447	5,530	5,392	4,975	5,129	4,556	4,536
Carpets, rag,	106	96	94	94	105	114	116	115	116	115	109	98	100
Carriages and sleds, children's,	1,175	1,251	1,238	1,177	1,126	1,036	1,021	1,079	1,094	1,246	1,291	1,295	1,246
Carriages and wagons and materials,	1,245	1,157	1,219	1,307	1,409	1,430	1,379	1,271	1,185	1,180	1,160	1,127	1,116
Carriages and wagons (repair work exclusively),	103	98	102	110	118	118	115	98	93	97	94	99	94
Cars and general shop construction and repairs by steam-railroad companies,	6,264	6,096	6,380	6,477	6,851	6,909	6,951	5,996	6,033	5,892	5,945	5,797	5,841
Cars and general shop construction and repairs by electrico-railroad companies,	1,705	1,640	1,603	1,674	1,628	1,656	1,750	1,780	1,741	1,744	1,757	1,771	1,716
Chemicals,	1,395	1,382	1,389	1,464	1,415	1,454	1,427	1,375	1,312	1,390	1,383	1,423	1,326
Cleansing and polishing preparations,	66	64	65	62	68	65	65	65	69	69	69	66	65
Cloth sponging and refinishing,	56	53	53	56	62	55	60	60	53	57	55	50	53
Clothing, men's,	5,760	5,862	5,900	6,026	5,936	5,917	5,886	5,593	5,635	5,571	5,697	5,546	5,551
Clothing, men's, buttonholes,	4	5	5	5	3	3	3	3	3	3	5	5	5
Clothing, women's,	6,076	5,719	6,109	6,559	6,747	6,501	6,188	5,327	4,995	6,218	6,619	6,183	5,747

TABLE III. WAGE-EARNERS — Continued.
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES.	Average Number of Wage- earners	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
The State — Continued.													
Coffee and spice, roasting and grinding, .	406	459	464	470	462	459	464	471	478	477	474	458	456
Coffins, burial cases, and undertakers' goods, .	286	291	295	294	285	286	290	279	279	284	284	281	284
Combs and hairpins,	1,944	1,955	2,077	2,149	1,893	1,767	1,535	1,668	1,905	2,199	2,309	1,988	1,883
Confectionery and ice cream,	7,662	7,046	6,971	7,988	6,970	6,990	6,899	6,883	7,443	7,848	8,078	7,831	7,687
Confectionery,	6,775	6,711	5,918	6,935	6,492	6,377	6,190	6,190	6,767	7,253	7,633	7,510	7,324
Chewing gum,	12	7	25	21	33	16	6	3	7	6	6	5	9
Ice cream,	475	328	328	332	445	527	633	690	669	539	439	366	354
Cooperage,	525	503	511	517	531	520	534	528	531	536	555	527	507
Copper, tin, and sheet-iron products,	2,683	2,626	2,542	2,569	2,619	2,683	2,741	2,808	2,781	2,719	2,794	2,709	2,665
Cordage and twine, and jute goods,	6,073	6,091	6,037	6,125	6,195	6,253	6,309	6,329	6,210	5,853	5,922	5,699	5,793
Cordials and flavoring sirups,	51	50	53	58	71	68	67	59	46	40	38	32	30
Corsets,	2,298	2,561	2,601	2,631	2,572	2,485	2,345	2,234	2,146	2,144	2,064	1,975	1,818
Cotton goods,	112,609	117,496	116,836	116,422	116,201	114,518	113,077	110,643	108,096	108,556	109,456	110,247	109,760
Cotton small wares,	950	959	1,008	1,015	991	985	964	935	912	913	902	892	874
Cutlery and tools, not elsewhere specified,	6,485	6,810	6,854	6,830	6,682	6,557	6,446	6,357	6,320	6,252	6,243	6,221	6,248
Dental goods,	55	56	55	55	55	55	55	55	52	54	57	56	55
Dyeing and finishing textiles,	11,437	11,339	12,200	12,358	12,162	12,026	12,034	11,420	10,862	11,052	11,077	10,079	10,635
Dyestuffs and extracts,	148	146	157	151	147	146	144	155	160	148	152	139	131
Electrical machinery, apparatus, and supplies,	17,125	18,644	18,203	18,460	18,110	17,855	17,567	17,060	16,845	16,602	15,799	15,229	15,126

Electroplating,	233	245	244	256	225	233	225	235	230	226	225	227	226
Emery and other abrasive wheels,	902	977	965	949	957	965	936	909	873	864	810	803	816
Enameling and japanning,	95	94	89	92	81	101	104	102	85	101	98	98	95
Engraving and diesinking,	152	167	160	154	154	161	150	149	139	139	149	150	152
Engraving, steel and copper plate, including plate printing,	421	433	411	413	420	419	429	419	406	414	428	421	439
Envelopes,	1,781	1,797	1,828	1,856	1,858	1,852	1,840	1,743	1,649	1,760	1,785	1,724	1,680
Fancy articles, not elsewhere specified,	786	738	670	599	607	660	728	854	835	934	982	942	883
Felt goods,	878	955	953	930	910	848	846	797	861	846	854	846	890
Firearms,	2,161	2,371	2,343	2,341	2,321	2,229	2,079	2,009	2,149	2,052	1,986	2,019	2,033
Flavoring extracts,	124	114	112	118	130	138	146	142	131	120	112	113	112
Flour-mill and grist-mill products,	176	176	175	180	178	173	172	176	171	174	178	181	178
Food preparations,	469	600	619	494	490	417	394	392	407	427	444	396	548
Foundry and machine-shop products,	34,398	36,713	36,456	36,542	36,398	36,164	35,228	34,435	33,134	32,170	32,054	31,565	31,917
Fur goods,	208	221	158	135	148	164	188	187	199	248	271	299	278
Furnishing goods, men's,	388	332	372	384	378	371	361	352	367	390	444	458	447
Furniture,	6,813	7,555	7,545	7,599	7,332	6,375	5,951	5,916	6,484	6,723	6,871	6,815	6,590
Galvanizing,	12	12	13	14	14	13	10	12	12	11	12	11	10
Gas and electric fixtures,	143	151	149	142	138	133	124	124	136	143	152	161	163
Gas, illuminating and heating,	3,182	2,939	2,934	2,930	2,986	3,323	3,509	3,462	3,359	3,264	3,211	3,200	3,067
Glass cutting, staining, and ornamenting,	198	191	197	208	205	190	192	165	177	197	210	224	220
Glue,	563	603	601	619	643	605	527	463	450	512	578	590	565
Gold and silver, leaf and foil,	120	124	129	123	119	120	117	118	112	117	123	123	115
Gold and silver, reducing and refining, not from the ore,	21	22	21	23	23	22	23	22	20	21	18	19	20

TABLE III. WAGE-EARNERS — Continued.
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

Ac- count- number	
607	5
90	1,254
271	1,020
1,020	2,347
2,347	10,146
10,146	434
434	53
537	2,374
2,374	1,351
1,351	675
675	1,341

Jewelry,	6,505	7,606	7,242	6,828	6,583	6,545	6,293	5,960	5,979	6,366	6,526	6,156	5,976
Jewelry and instrument cases,	389	355	368	391	398	406	394	369	364	434	459	400	330
Labels and tags,	38	37	39	39	38	38	38	38	37	38	38	38	38
Lamps and reflectors,	316	407	395	391	395	347	313	286	261	273	236	287	251
Lasts,	890	987	1,008	905	865	837	874	944	925	795	834	845	861
Leather goods, not elsewhere specified,	416	327	361	401	413	407	412	401	393	407	434	529	507
Leather, tanned, curried, and finished,	10,164	10,898	10,931	10,824	10,654	10,269	10,028	9,512	9,197	9,611	9,798	10,157	10,089
Lime,	474	429	408	400	510	513	513	504	516	520	503	426	446
Linen goods,	1,541	1,530	1,524	1,544	1,564	1,565	1,532	1,499	1,510	1,543	1,580	1,532	1,569
Liquors, distilled,	93	95	104	95	99	93	89	87	90	91	88	91	94
Liquors, malt,	2,106	1,992	1,996	1,999	2,064	2,130	2,248	2,227	2,206	2,162	2,141	2,067	2,040
Lithographing,	1,218	1,217	1,203	1,216	1,207	1,229	1,236	1,234	1,211	1,229	1,222	1,211	1,201
Looking-glass and picture frames,	148	153	150	148	148	144	144	135	135	147	157	158	157
Lumber and timber products,	1,625	2,012	1,949	1,990	1,991	1,780	1,385	1,065	1,057	1,315	1,511	1,648	1,797
Lumber, planing-mill products,	3,423	3,277	3,218	3,297	3,379	3,444	3,479	3,573	3,603	3,562	3,506	3,436	3,302
Marble and stone work,	2,520	2,159	1,870	2,389	2,618	2,760	2,813	2,743	2,826	2,649	2,536	2,464	2,413
Mattresses and spring beds,	740	698	723	749	769	771	803	767	746	750	733	693	678
Millinery and lace goods,	2,026	2,026	2,405	2,547	2,584	1,842	1,669	1,765	1,936	2,067	1,920	1,816	1,735
Mineral and soda waters,	508	353	384	422	515	635	734	713	613	555	434	375	363
Minerals and earths, ground,	105	109	105	109	106	116	112	100	94	108	102	100	99
Mirrors,	132	144	139	142	134	134	125	126	129	128	128	128	127
Models and patterns, not including paper patterns,	318	323	313	316	310	318	305	316	333	318	315	323	326
Monuments and tombstones,	1,338	1,094	1,117	1,297	1,413	1,502	1,457	1,458	1,453	1,431	1,385	1,288	1,161
Motorcycles, bicycles, and parts,	2,135	3,511	3,464	3,105	2,379	2,293	1,701	1,491	1,315	1,072	1,283	1,704	2,302
Mucilage and paste,	103	105	107	109	108	105	102	109	100	102	99	97	93

TABLE III. WAGE-EARNERS — Continued.
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

Industries.	Average Number of Wage- earners	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	Percent- age
The State — Continued.														
Musical instruments and materials, not specified,	282													303
Musical instruments, pianos and organs, and materials,	3,906													3,644
Oil, not elsewhere specified,	303													299
Optical goods,	2,356													2,356
Paints and varnishes,	480													486
Paper and wood pulp,	13,401	13,540	13,512	13,044	13,303	13,358	13,351	13,199	12,845	13,400	13,479	13,176	13,235	13,235
Paper goods, not elsewhere specified,	4,048	4,305	4,268	4,100	4,353	4,314	4,108	4,008	3,896	3,871	3,919	3,853	3,769	3,769
Patent medicines and compounds and druggists' preparations,	1,301	1,511	1,458	1,464	1,438	1,418	1,349	1,334	1,303	1,399	1,373	1,333	1,303	1,303
Paving materials,	343	129	86	153	360	463	494	510	481	434	408	348	341	341
Photo-engraving,	543	556	551	550	561	560	551	540	533	535	536	530	533	533
Pipes, tobacco,	41	42	45	44	46	44	44	43	43	43	39	33	37	37
Plumbers' supplies,	627	630	632	636	645	673	678	673	596	580	591	591	604	604
Pocketbooks,	377	454	340	463	423	381	349	349	341	360	363	364	333	333
Pottery,	138	136	137	136	138	140	138	139	138	140	133	139	138	138
Printing and publishing, book and job,	7,063	7,106	7,201	7,354	7,360	7,144	7,050	6,795	6,745	6,945	7,049	6,905	6,961	6,961
Printing and publishing, music,	120	128	126	126	134	122	118	115	113	116	114	123	121	121
Printing and publishing, newspapers and periodicals,	6,032	6,031	6,060	6,056	6,060	6,041	6,027	5,877	5,899	5,994	6,160	6,075	6,041	6,041

Refrigerators,	141	160	152	156	159	149	143	116	108	122	127	143	157
Regalia and society badges and emblems,	78	78	76	77	80	77	78	72	71	80	83	82	82
Rubber goods, not elsewhere specified,	4,743	5,057	5,181	5,282	5,189	5,164	5,170	4,462	4,139	4,339	4,372	4,302	4,259
Saddlery and harness,	260	241	248	259	255	248	244	249	244	244	245	298	345
Sausage, not made in slaughtering and meat- packing establishments,	349	352	355	349	342	343	344	344	345	349	355	354	356
Scales and balances,	23	29	28	26	24	24	22	23	24	21	18	19	19
Screws, machine,	355	362	344	353	360	357	362	347	333	331	347	383	376
Shipbuilding, wooden, including boat build- ing,	435	314	353	428	460	570	569	498	480	417	371	402	358
Shirts,	1,885	1,948	1,933	1,920	1,846	1,786	1,754	1,824	1,680	1,906	1,979	2,021	2,023
Shoddy, wool,	446	438	474	490	489	475	444	425	387	387	381	441	521
Show cases,	79	79	78	78	80	94	87	74	78	77	78	74	71
Signs and advertising novelties,	386	390	372	376	375	378	872	366	378	411	415	399	405
Silk and silk goods, including throwsters,	4,495	4,709	4,707	4,674	4,704	4,628	4,541	4,392	4,206	4,490	4,361	4,311	4,217
Silverware and plated ware,	2,163	2,160	2,188	2,168	2,140	2,112	2,100	2,049	2,109	2,183	2,239	2,254	2,254
Slaughtering and meat packing,	3,233	3,659	3,362	3,318	3,185	2,996	3,124	3,164	3,023	3,070	3,179	3,294	3,422
Soap,	460	479	495	478	467	479	439	439	422	435	459	449	479
Sporting and athletic goods,	1,275	1,278	1,277	1,332	1,347	1,325	1,327	1,258	1,109	1,219	1,209	1,267	1,352
Springs, steel, car, and carriage,	45	42	43	46	50	53	53	48	45	46	40	37	37
Stationery goods, not elsewhere specified,	2,467	2,430	2,540	2,621	2,591	2,542	2,462	2,240	2,416	2,434	2,465	2,426	2,437
Statuary and art goods,	132	133	131	133	135	137	141	130	136	133	117	130	128
Steam fittings and steam and hot-water heat- ing apparatus,	3,175	3,139	3,233	3,286	3,239	3,218	3,208	3,193	3,208	3,143	3,141	3,098	2,994
Steam packing,	71	82	77	73	72	74	79	76	68	71	59	60	61
Stereotyping and electrotyping,	250	259	263	257	264	256	267	254	250	241	239	230	230

TABLE III. WAGE-EARNERS — Concluded.
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Concluded.

Industries.	Average Number of Wage earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Concluded.													
Stoves and hot-air furnaces, not including gas and oil stoves,	1,446	1,270	1,334	1,376	1,365	1,345	1,504	1,410	1,479	1,476	1,496	1,479	1,397
Structural iron work, not made in steel works or rolling mills,	1,662	1,624	1,616	1,604	1,634	1,673	1,694	1,678	1,705	1,696	1,690	1,677	1,664
Surgical appliances,	249	246	240	236	259	260	244	218	223	239	263	264	263
Suspenders, garters, and elastic woven goods, Tobacco manufactures,	2,928	3,032	3,060	3,071	3,042	3,043	3,011	3,021	3,041	3,010	3,006	3,008	2,997
	3,926	4,060	4,067	3,993	3,934	3,977	3,928	3,830	3,947	3,900	3,927	3,913	3,904
Toys and games,	1,381	864	1,121	1,233	1,303	1,330	1,454	1,373	1,504	1,713	1,732	1,847	1,940
Trunks and valises,	377	305	366	390	412	400	406	399	377	376	374	381	383
Type founding and printing materials, . .	93	101	102	100	96	98	84	86	83	92	90	89	89
Upholstering materials,	197	198	183	189	194	207	190	177	196	189	204	231	201
Vinegar and cider,	78	41	43	40	33	37	43	46	66	103	101	103	102
Waste,	800	762	812	539	797	830	736	760	742	744	822	822	804
Watch and clock materials,	156	166	163	155	163	148	160	147	136	159	173	179	181
Whips,	996	1,018	1,016	1,025	1,034	1,031	971	993	979	984	981	984	987
Window and door screens and weatherstrips, .	113	74	82	97	123	173	173	160	133	99	83	73	73
Window shades and fixtures,	97	94	95	95	104	103	103	96	91	96	96	97	94

Wire,	2,899	3,174	3,104	3,110	3,097	2,878	2,794	2,813	2,817	2,845	2,817	2,678	2,661
Wirework, including wire rope and cable,	1,950	1,983	2,030	2,036	1,970	2,013	1,977	1,971	1,917	1,900	1,890	1,883	1,830
Wood, turned and carved,	1,339	1,239	1,394	1,437	1,451	1,425	1,391	1,304	1,265	1,276	1,307	1,301	1,273
Wooden goods, not elsewhere specified,	430	436	436	440	435	438	430	429	424	423	416	418	435
Wool scouring,	577	562	621	638	593	597	499	550	556	511	563	627	602
Woolen and worsted goods,	53,377	51,610	52,859	55,678	57,036	56,755	56,950	52,537	51,731	52,584	53,329	52,268	47,187
All other industries,	21,504	21,857	22,150	22,999	22,469	22,353	21,972	21,512	20,947	20,259	20,148	20,613	20,739

Automobiles, including Bodies and Parts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
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TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	DOLLARS FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER											\$15 and Over
	\$5 but under \$10	\$10 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 but under \$55	\$55 but under \$60	
Betting and Hosiery, Woven.												
Adults (18 years of age and over):												
Males,	4	13	6	13	12	16	17	17	17	10	8	8
Females,	10	11	8	2	2	4	2	2	2	10	3	2
Young persons (under 18 years of age),	1	-	-	2	1	-	-	-	-	-	-	-
Billiard Tables and Materials.												
Adults (18 years of age and over):												
Males,	-	-	-	-	2	8	7	8	11	6	-	7
Females,	-	-	-	-	2	2	7	8	11	6	-	7
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.												
Adults (18 years of age and over):												
Males,	41	88	18	78	19	36	38	38	30	19	16	30
Females,	24	41	17	66	11	33	38	38	94	12	16	23
Young persons (under 18 years of age),	1	1	-	-	-	-	-	-	-	-	-	-
Bookbinding and Blank-Book Making.												
Adults (18 years of age and over):												
Males,	381	318	150	130	100	119	137	137	306	130	91	56
Females,	58	84	60	133	67	94	148	177	204	133	61	56
Young persons (under 18 years of age),	271	120	60	47	32	36	5	10	1	2	-	-
	2	2	1	1	1	-	-	-	-	-	-	-

Boot and Shoe Cut Stock and Findings.	18	48	176	418	840	838	768	880	801	464	799	583	394	537	458	270	210	89	84
Adults (18 years of age and over):																			
Males,	4	5	36	51	192	261	343	509	589	351	696	496	366	522	419	263	209	89	83
Females,	7	34	86	249	488	484	395	347	203	109	107	37	27	15	13	7	1	-	1
Young persons (under 18 years of age),	1	9	54	113	160	88	24	24	9	4	6	-	1	-	-	-	-	-	-
Boots and Shoes.	80,049	248	681	1,804	3,406	4,061	4,804	6,418	6,443	4,976	6,454	8,418	4,889	6,689	6,775	6,873	4,314	3,243	4,096
Adults (18 years of age and over):																			
Males,	-	19	76	262	649	1,120	1,684	2,569	2,941	2,590	3,833	3,606	3,060	4,531	5,688	6,278	4,016	3,214	4,022
Females,	1	44	149	664	1,526	2,089	2,658	3,458	3,316	2,314	2,535	1,791	1,249	1,086	1,078	591	294	128	78
Young persons (under 18 years of age),	8	179	456	878	1,231	852	462	385	186	72	66	21	20	12	9	4	4	1	1
Boots and Shoes, Rubber.	8,599	36	61	108	245	339	585	1,148	1,718	887	1,060	587	345	469	558	288	161	57	38
Adults (18 years of age and over):																			
Males,	-	-	5	2	15	27	92	425	787	507	839	489	310	404	522	271	150	57	32
Females,	-	-	-	17	83	176	428	680	922	317	210	98	35	64	30	12	11	-	-
Young persons (under 18 years of age),	-	36	56	89	147	136	65	43	4	3	1	-	-	1	1	-	-	-	-
Boxes, Cigar.	186	-	8	10	31	40	29	10	9	8	6	8	8	16	38	7	8	4	-
Adults (18 years of age and over):																			
Males,	-	-	-	-	2	-	3	1	4	-	2	3	1	14	33	7	2	4	-
Females,	-	-	-	5	13	18	26	9	5	2	4	-	1	2	-	-	-	-	-
Young persons (under 18 years of age),	-	-	2	5	16	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Boxes, Fancy and Paper.	4,350	55	306	977	432	450	438	478	408	278	318	179	124	198	130	108	56	25	15
Adults (18 years of age and over):																			
Males,	-	-	5	13	25	51	63	99	127	100	181	125	93	164	113	91	55	25	15
Females,	-	7	75	238	307	360	348	347	264	171	131	54	31	27	17	12	1	-	-
Young persons (under 18 years of age),	9	48	226	126	100	39	27	27	11	1	-	-	-	1	-	-	-	-	-

Brooms. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	133	-	1	1	8	10	5	5	17	9	0	10	8	8	23	4	13	-	-
	113	-	1	-	2	4	3	3	16	7	6	16	8	8	23	4	12	-	-
	7	-	-	-	-	4	1	1	1	-	-	-	-	-	-	-	-	-	-
	13	-	-	1	6	2	1	1	-	2	-	-	-	-	-	-	-	-	-
Brushes. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,545	-	-	2	163	200	159	165	123	100	91	119	53	56	64	100	76	53	15
	722	-	-	-	1	20	23	48	52	43	45	84	48	51	62	95	76	53	15
	679	-	-	-	101	126	117	108	65	55	46	35	4	5	2	6	-	-	-
	144	-	-	2	61	44	19	9	6	2	-	-	1	-	-	-	-	-	-
Butter. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	75	-	-	-	1	1	-	3	-	4	7	10	4	9	9	5	8	6	6
	74	-	-	-	1	1	-	3	-	3	7	10	4	9	9	5	8	6	6
	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	651	4	5	23	79	145	91	77	39	31	33	27	15	14	12	12	9	10	4
	251	-	-	1	6	17	30	23	15	16	28	22	15	12	11	12	9	9	4
	292	-	1	10	35	111	51	36	22	13	5	4	-	2	1	-	-	1	-
	108	4	4	12	38	17	10	18	2	2	-	1	-	-	-	-	-	-	-
Canning and Preserving. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	2,183	-	18	50	110	449	140	105	73	104	66	133	155	264	183	183	52	50	16
	1,423	-	12	21	20	29	39	50	48	87	64	129	152	259	190	183	52	50	16
	662	-	5	23	80	361	93	48	21	15	2	3	3	5	3	-	-	-	-
	98	-	1	6	10	59	8	7	4	2	-	1	-	-	-	-	-	-	-

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TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

	\$5 and Over	1	1	1	1	\$76	\$72	4	1	\$60	\$62	\$2	1	8	8	1	1
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Engraving and Diesinking. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	188	-	5	3	9	9	5	5	2	4	3	9	3	1	7	7	12	9	10	25
	90	-	-	-	1	2	1	1	2	4	2	7	3	1	6	6	12	8	9	25
	18	-	-	-	2	4	3	3	-	-	-	2	-	-	1	1	-	1	1	-
	20	-	5	3	6	3	1	1	-	-	1	-	-	-	-	-	-	-	-	-
Engraving, Steel and Copper Plate. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	778	-	6	94	101	93	51	59	48	25	2	24	5	12	35	35	21	32	43	98
	348	-	-	4	14	14	4	12	10	18	-	19	2	8	28	29	19	26	43	98
	342	-	-	50	53	73	45	47	32	7	2	5	3	4	7	6	2	6	-	-
	88	-	6	40	34	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Envelopes. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,787	-	-	18	170	218	249	254	211	154	58	67	55	39	38	109	55	48	32	23
	539	-	-	-	1	2	2	21	25	52	13	44	45	37	37	108	55	42	32	-
	1,031	-	-	1	84	151	222	212	183	96	45	23	10	2	1	1	-	-	-	-
	217	-	-	12	85	65	25	21	3	6	-	-	-	-	-	-	-	-	-	-
Fancy Articles, not elsewhere Specified. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	268	-	2	24	127	198	94	114	86	76	24	41	41	33	26	21	28	15	14	4
	469	-	-	3	3	59	25	48	51	61	21	36	37	27	23	20	23	15	13	4
	381	-	2	7	70	115	63	53	29	14	3	5	4	6	3	1	5	-	1	-
	118	-	-	14	54	24	6	13	6	1	-	-	-	-	-	-	-	-	-	-
Felt Goods. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,034	-	-	9	26	58	60	107	179	239	71	75	49	27	48	15	32	9	14	16
	753	-	-	-	4	4	18	85	153	211	54	53	33	24	36	15	28	6	13	16
	219	-	-	7	15	44	36	6	15	23	15	21	14	3	12	-	4	3	1	-
	62	-	-	2	7	10	6	16	11	5	2	1	2	-	-	-	-	-	-	-

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TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																Under \$3	\$35 and Over
	Under \$3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18		
Hardware.																		
Adults (18 years of age and over):	1,360																	
Males,		1	3	51	34	128	99	94	87	91	95	53	134	113	124	49	24	20
Females,	81	-	-	18	11	12	12	9	4	3	2	-	1	-	-	-	-	-
Young persons (under 18 years of age),	102	2	12	31	22	8	9	1	1	3	-	-	-	-	-	-	-	-
Hats and Caps, other than Felt, Straw, and Wool.																		
Adults (18 years of age and over):	299		6	19	15	31	33	20	5	23	15	25	16	23	23	15	14	19
Males,	195	-	2	1	5	7	6	11	1	20	8	22	14	23	23	14	14	19
Females,	83	-	-	9	8	11	14	8	4	3	5	-	-	-	-	-	-	-
Young persons (under 18 years of age),	21	-	3	9	2	3	1	1	-	-	-	-	2	-	-	-	-	-
Hats, Fur-Felt.																		
Adults (18 years of age and over):	1,308	4	23	43	74	93	179	139	97	123	39	62	63	74	65	39	19	26
Males,	341	-	5	15	30	45	74	57	51	97	32	50	54	65	62	29	14	26
Females,	496	-	8	23	43	47	105	51	46	26	20	12	14	8	3	3	5	-
Young persons (under 18 years of age),	37	4	11	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Hats, Straw.																		
Adults (18 years of age and over):	3,174	-	74	61	104	140	176	306	265	224	187	133	193	216	197	133	106	174
Males,	1,023	-	-	2	5	17	27	215	78	124	90	51	96	58	71	43	16	72
Females,	2,068	-	68	53	96	104	120	100	207	100	97	99	102	156	126	93	90	102
Young persons (under 18 years of age),	82	-	5	6	12	19	20	5	-	4	-	2	5	2	-	-	-	-

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1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
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1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
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1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
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TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

Jewelry.	Adults (18 years of age and over):	6,626	-	8	94	179	464	306	624	569	490	496	440	389	310	390	632	428	286	273	325
	Males,	4,348	-	-	8	16	99	91	215	213	204	341	328	341	292	287	614	426	281	270	322
	Females,	1,928	-	-	27	82	280	229	373	337	209	149	109	41	18	33	18	12	5	3	3
	Young persons (under 18 years of age),	349	-	8	59	81	85	46	36	19	7	5	3	-	-	-	-	-	-	-	-
Jewelry and Instrument Cases.	Adults (18 years of age and over):	469	-	3	24	53	55	74	93	85	28	13	18	10	5	12	13	11	3	6	5
	Males,	131	-	-	2	2	5	7	15	14	11	7	12	9	3	9	12	11	1	6	5
	Females,	272	-	-	8	37	41	57	74	21	16	5	6	1	2	3	-	-	1	-	-
	Young persons (under 18 years of age),	56	-	3	14	14	9	10	4	-	1	1	-	-	-	-	-	-	-	-	-
Labels and Tags.	Adults (18 years of age and over):	46	-	-	-	3	5	3	6	7	3	-	3	-	-	3	1	3	6	3	1
	Males,	27	-	-	-	3	1	2	1	2	-	-	2	-	-	3	1	3	6	2	1
	Females,	17	-	-	-	-	3	1	4	5	3	-	1	-	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lamps and Reflectors.	Adults (18 years of age and over):	1,257	-	-	1	13	43	116	98	107	180	113	141	80	80	101	118	68	43	9	8
	Males,	1,000	-	-	-	2	5	25	49	62	98	109	140	80	80	100	117	68	43	9	8
	Females,	107	-	-	-	-	11	32	27	20	10	4	1	-	-	1	1	-	-	-	-
	Young persons (under 18 years of age),	150	-	-	1	11	26	59	16	25	12	-	-	-	-	-	-	-	-	-	-
Lasts.	Adults (18 years of age and over):	916	1	2	2	2	21	22	20	42	60	33	60	57	29	110	98	143	85	38	94
	Males,	861	-	-	-	1	4	5	18	35	48	33	65	56	29	109	98	143	85	38	94
	Females,	9	1	-	-	1	3	1	1	1	-	-	-	1	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	45	-	2	2	-	14	16	1	6	2	-	1	-	-	1	-	-	-	-	-

	1,853	18	63	107	273	255	291	305	151	78	114	42	27	37	23	21	9	13	16
Linon Goods.																			
Adults (18 years of age and over):																			
Males,	577	-	-	-	18	23	38	71	89	54	100	40	27	35	23	21	9	13	16
Females,	707	-	-	69	148	141	152	125	38	16	14	2	-	2	-	-	-	-	-
Young persons (under 18 years of age),	368	-	63	38	107	91	41	9	4	2	-	-	-	-	-	-	-	-	-
Liquors, Distilled.																			
Adults (18 years of age and over):																			
Males,	88	-	-	-	-	-	1	2	4	1	18	11	4	10	9	16	6	4	8
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.																			
Adults (18 years of age and over):																			
Males,	2,122	-	-	-	-	9	2	3	3	-	26	20	168	75	464	738	316	163	135
Females,	13	-	-	-	4	2	5	-	1	-	-	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithographing.																			
Adults (18 years of age and over):																			
Males,	818	-	1	2	24	32	29	41	70	33	87	22	25	41	73	69	68	63	139
Females,	287	-	3	5	111	49	36	21	31	17	9	2	-	2	-	-	1	-	-
Young persons (under 18 years of age),	111	-	4	13	53	25	12	1	1	-	-	-	-	-	-	-	-	-	-
Looking-Glass and Picture Frames.																			
Adults (18 years of age and over):																			
Males,	198	-	1	1	8	13	8	6	12	8	17	11	11	22	26	32	11	5	6
Females,	6	-	-	-	-	1	-	1	-	2	-	-	-	2	-	-	-	-	-
Young persons (under 18 years of age),	16	-	1	2	7	2	3	1	-	-	-	-	-	-	-	-	-	-	-

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	11	72	132	166	221	262	353	268	189	304	233	151	391	405	518	235	149	163
Musical Instruments, Pianos and Organs, and Materials.																		
Adults (18 years of age and over):																		
Males,	-	4	39	50	146	196	324	257	182	801	232	151	390	405	518	235	149	163
Females,	-	14	31	49	41	35	22	10	7	3	1	-	1	-	-	-	-	-
Young persons (under 18 years of age),	11	54	62	67	34	31	7	1	-	-	-	-	-	-	-	-	-	-
Oil, not elsewhere Specified.																		
Adults (18 years of age and over):																		
Males,	-	1	-	7	9	7	12	58	38	63	34	27	28	16	18	7	3	2
Females,	-	-	-	1	9	2	10	56	38	63	34	26	28	15	17	7	3	2
Young persons (under 18 years of age),	-	-	-	4	-	5	2	2	-	-	-	1	-	1	1	-	-	-
	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Optical Goods.																		
Adults (18 years of age and over):																		
Males,	2	61	155	157	178	253	313	273	224	181	185	132	133	249	82	45	34	11
Females,	-	4	36	41	57	154	216	175	174	161	168	122	121	242	82	42	32	8
Young persons (under 18 years of age),	56	28	99	106	112	99	96	97	49	19	16	10	12	7	-	3	2	3
	-	29	20	10	9	-	1	1	1	1	1	-	-	-	-	-	-	-
Paints and Varnishes.																		
Adults (18 years of age and over):																		
Males,	-	-	-	6	7	9	25	78	47	90	34	20	48	32	36	13	7	23
Females,	-	-	-	6	5	3	5	1	-	-	-	2	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	5	10	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Paper and Wood Pulp.																		
Adults (18 years of age and over):																		
Males,	16	39	157	1,413	1,071	1,063	\$,183	\$,338	1,839	1,555	659	403	569	547	796	319	192	138
Females,	-	1	10	12	51	82	1,518	2,185	1,153	1,482	644	384	562	522	774	317	190	138
Young persons (under 18 years of age),	-	11	133	1,308	900	949	637	123	80	62	14	16	5	21	10	-	2	-
	-	4	14	93	51	22	28	30	6	11	1	3	2	4	12	2	-	-

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Regalia and Society Badges and Emblems.																						
Adults (18 years of age and over):																						
Males,
Females,
Young persons (under 18 years of age),																						
Rubber Goods, not elsewhere Specified.																						
Adults (18 years of age and over):																						
Males,
Females,
Young persons (under 18 years of age),																						
Saddlery and Harness.																						
Adults (18 years of age and over):																						
Males,
Females,
Young persons (under 18 years of age),																						
Sausage, not made in Slaughtering and Meat-Packing Establishments.																						
Adults (18 years of age and over):																						
Males,
Females,
Young persons (under 18 years of age),																						

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER															100 and Over
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Scales and Balances.	27																
Adults (18 years of age and over):																	
Males,	27																
Females,	-																
Young persons (under 18 years of age),																	
Screws, Machine.	201	1	16	25	38	50	27	25	32	17	21	13	21	25	22	12	7
Adults (18 years of age and over):																	
Males,	226		1	17	20	16	24	22	32	17	31	13	21	25	19	12	7
Females,	27		1	11	7	4	3	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	28	1	14	7	6	-	-	-	-	-	-	-	-	-	-	-	-
Shipbuilding, Wooden, Including Boat Building.	1,064																
Adults (18 years of age and over):																	
Males,	1,058		1	3	3	38	7	25	18	79	25	24	110	112	127	45	14
Females,	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	6	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Shirts.	1,200																
Adults (18 years of age and over):																	
Males,	445		2	2	10	22	15	15	16	26	33	42	73	38	32	6	16
Females,	1,373		5	12	35	214	204	185	205	63	22	10	8	4	-	-	-
Young persons (under 18 years of age),	105	3	14	28	55	26	12	6	5	1	-	-	-	-	-	-	-

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TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

\$25 and Over	201	201	180	150	12	12
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Woolen and Worsted Goods.	67,360	12	50	537	1,625	6,314	9,303	9,983	6,524	4,425	3,604	3,492	3,963	3,090	3,104	3,133	1,123	535	279	255
Adults (18 years of age and over):																				
Males,	30,442	-	-	60	154	1,262	2,867	5,514	3,942	2,480	2,200	2,387	2,247	1,645	1,782	1,843	1,029	503	274	253
Females,	20,519	-	1	86	667	2,619	4,651	3,908	2,288	1,851	1,460	1,087	712	444	322	289	94	32	5	3
Young persons (under 18 years of age),	6,399	12	49	441	864	2,333	1,684	566	294	94	34	18	9	1	-	-	-	-	-	-
All Other Industries.																				
Adults (18 years of age and over):	90,139	5	53	165	509	1,964	3,11	945	3,067	3,179	1,079	3,353	1,643	1,049	1,806	1,514	1,163	534	599	603
Males,	15,276	1	8	20	26	55	86	302	1,438	1,718	837	2,306	1,576	1,008	1,573	1,499	1,147	578	598	600
Females,	4,064	3	28	50	212	909	629	578	585	445	239	140	65	41	32	13	15	6	1	3
Young persons (under 18 years of age),	859	1	17	95	271	240	96	65	44	16	3	6	2	-	1	2	-	-	-	-

TABLE V. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	12,013	299.0	The State — Con.		
Agricultural implements,	4	311.3	Coffee and spice, roasting and grinding,	21	303.5
Artificial limbs,	8	277.2	Coffins, burial cases, and undertakers' goods,	9	306.9
Artificial stone products,	55	230.2	Combs and hairpins,	34	276.5
Automobiles, including bodies and parts,	66	176.6	Confectionery and ice cream,	276	283.4
Automobile repairing,	86	303.1	Confectionery,	145	285.2
Awnings, tents, and sails,	58	262.1	Chewing gum,	3	157.7
Baskets, and rattan and willow ware,	15	282.7	Ice cream,	128	284.7
Belting, leather,	20	303.4	Cooperage,	35	313.3
Belting and hose, woven,	6	300.7	Copper, tin, and sheet-iron products,	159	291.8
Billiard tables and materials,	6	305.0	Cordage and twine, and jute goods,	13	292.9
Blacking, stains, and dressings,	59	300.7	Cordials and flavoring sirups,	9	294.3
Bookbinding and blank-book making,	96	297.0	Corsets,	11	284.8
Boot and shoe cut stock and findings,	420	282.9	Cotton goods,	165	288.5
Boots and shoes,	464	277.2	Cotton small wares,	24	281.4
Boots and shoes, rubber,	9	273.4	Cutlery and tools, not elsewhere specified,	137	276.1
Boxes, cigar,	5	237.4	Dental goods,	8	297.7
Boxes, fancy and paper,	97	292.6	Dyeing and finishing textiles,	57	278.5
Boxes, wooden packing,	91	271.7	Dyestuffs and extracts,	17	300.4
Brass, bronze, and copper products,	73	281.0	Electrical machinery, apparatus, and supplies,	91	283.7
Bread and other bakery products,	1,419	298.1	Electroplating,	50	296.8
Brick and tile,	46	194.5	Emery and other abrasive wheels,	12	285.7
Brooms,	26	235.6	Enameling and japaning,	13	296.1
Brushes,	29	290.3	Engraving and diesinking,	48	296.6
Butter,	17	290.9	Engraving steel and copper plate, including plate printing,	29	293.1
Buttons,	14	273.1	Envelopes,	11	294.3
Canning and preserving,	65	255.2	Fancy articles, not elsewhere specified,	30	279.2
Card cutting and designing,	4	292.5	Felt goods,	15	251.8
Carpets and rugs, other than rag,	12	277.4	Firearms,	6	284.8
Carpets, rag,	21	298.2	Flavoring extracts,	35	300.6
Carriages and sleds, children's,	8	291.4	Flour-mill and gristmill products,	105	236.5
Carriages and wagons and materials,	149	301.9	Food preparations,	68	253.2
Carriages and wagons (repair work exclusively),	26	296.6	Foundry and machine-shop products,	724	288.9
Cars and general shop construction and repairs by steam-railroad companies,	15	287.3	Fur goods,	17	264.1
Cars and general shop construction and repairs by electric-railroad companies,	39	335.6	Furnishing goods, men's,	13	293.5
Chemicals,	24	297.4	Furniture,	134	284.5
Cleansing and polishing preparations,	34	296.4	Galvanising,	3	295.7
Cloth, sponging and refinishing,	4	303.0	Gas and electric fixtures,	15	292.7
Clothing, men's,	213	276.3	Gas, illuminating and heating,	61	353.4
Clothing, men's, button-holes,	3	295.7	Glass cutting, staining, and ornamenting,	35	282.5
Clothing, women's,	202	279.3	Glue,	11	271.3
			Gold and silver, leaf and foil,	10	287.6
			Gold and silver, reducing and refining, not from the ore,	7	305.0

TABLE V. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Grease and tallow, . . .	33	287.6	Musical instruments and materials, not specified, . . .	25	297.3
Hand-knit goods, . . .	8	177.5	Musical instruments, pianos and organs, and materials, . . .	52	282.6
Hand stamps and stencils and brands, . . .	32	297.7	Oil, not elsewhere specified, . . .	16	300.5
Hardware, . . .	31	285.1	Optical goods, . . .	13	292.8
Hats and caps, other than felt, straw, and wool, . . .	38	282.0	Paints and varnishes, . . .	34	292.0
Hats, fur-felt, . . .	10	242.9	Paper and wood pulp, . . .	86	257.6
Hats, straw, . . .	19	262.7	Paper goods, not elsewhere specified, . . .	49	276.5
Hosiery and knit goods, . . .	69	272.0	Patent medicines and compounds and druggists' preparations, . . .	162	280.6
House-furnishing goods, not elsewhere specified, . . .	29	277.4	Paving materials, . . .	11	303.6
Ice, manufactured, . . .	6	320.0	Photo-engraving, . . .	27	301.4
Instruments, professional and scientific, . . .	23	293.0	Pipes, tobacco, . . .	3	295.3
Iron and steel, steel works and rolling mills, . . .	11	276.7	Plumbers' supplies, . . .	19	286.7
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works and rolling mills, . . .	8	280.6	Pocketbooks, . . .	10	280.1
Iron and steel forgings, . . .	10	279.9	Pottery, not including terra cotta and fire-clay products, . . .	8	301.6
Iron and steel nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . .	28	270.0	Printing and publishing, book and job, . . .	741	294.7
Jewelry, . . .	202	269.8	Printing and publishing, music, . . .	9	292.0
Jewelry and instrument cases, . . .	10	294.6	Printing and publishing, newspapers and periodicals, . . .	456	304.8
Labels and tags, . . .	5	303.8	Refrigerators, . . .	11	298.1
Lamps and reflectors, . . .	7	300.9	Regalia and society badges and emblems, . . .	12	303.7
Lasts, . . .	32	283.0	Rubber goods, not elsewhere specified, . . .	42	263.9
Leather goods, not elsewhere specified, . . .	41	297.1	Saddlery and harness, . . .	43	302.5
Leather, tanned, curried, and finished, . . .	126	274.1	Sausage, not made in slaughtering and meat-packing establishments, . . .	61	301.1
Lime, . . .	11	309.6	Scales and balances, . . .	4	275.5
Linen goods, . . .	7	264.7	Screws, machine, . . .	17	299.7
Liquors, distilled, . . .	7	288.6	Shipbuilding, wooden, including boat building, . . .	81	271.3
Liquors, malt, . . .	26	295.4	Shirts, . . .	14	296.6
Lithographing, . . .	13	296.8	Shoddy, wool, . . .	17	280.0
Looking-glass and picture frames, . . .	31	288.8	Show cases, . . .	12	303.1
Lumber and timber products, . . .	277	167.6	Signs and advertising novelties, . . .	20	290.1
Lumber, planing-mill products, . . .	198	290.9	Silk and silk goods, including throwsters, . . .	19	281.4
Marble and stone work, . . .	107	256.2	Silverware and plated ware, . . .	17	283.7
Mattresses and spring beds, . . .	54	300.0	Slaughtering and meat packing, . . .	46	267.7
Millinery and lace goods, . . .	69	287.4	Soap, . . .	32	276.0
Mineral and soda waters, . . .	171	269.9	Sporting and athletic goods, . . .	15	281.7
Minerals and earths, ground, . . .	9	280.3	Springs, steel, car, and carriage, . . .	7	301.7
Mirrors, . . .	8	291.8	Stationery goods, not elsewhere specified, . . .	27	285.7
Models and patterns, not including paper patterns, . . .	66	294.5	Statuary and art goods, . . .	13	291.6
Monuments and tombstones, . . .	199	273.1			
Motorcycles, bicycles, and parts, . . .	6	252.2			
Mucilage and paste, . . .	22	242.6			

TABLE V. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Steam fittings and steam and hot-water heating apparatus,	21	286.5	Waste,	11	265.5
Steam packing,	11	276.6	Watch and clock materials,	5	270.6
Stereotyping and electrotyping,	15	303.3	Whips,	21	293.7
Stoves and hot-air furnaces, except gas and oil stoves,	13	249.3	Window and door screens and weather strips,	23	293.0
Structural ironwork, not made in steel works or rolling mills,	51	302.1	Window shades and fixtures,	14	303.6
Surgical appliances,	14	303.9	Wire,	8	293.9
Suspenders, garters, and elastic woven goods,	30	288.3	Wirework, including wire rope and cable,	30	278.1
Tobacco manufactures,	336	281.6	Wood, turned and carved,	62	277.7
Toys and games,	18	260.2	Wooden goods, not elsewhere specified,	18	280.6
Trunks and valises,	25	287.5	Wool scouring,	10	267.6
Type founding and printing materials,	9	272.8	Woolen and worsted goods,	156	272.1
Upholstering materials,	8	294.0	All other industries,	235	280.5
Vinegar and cider,	53	181.5			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	12,013	289.0	The State — Con.		
Abington,	22	278.2	CHELSEA,	123	289.9
Acton,	12	288.7	Chester,	9	250.1
Adams,	35	290.3	CHICOPPEE,	62	277.2
Amesbury,	59	276.8	Clinton,	36	279.4
Amherst,	21	289.2	Concord,	6	301.5
Andover,	13	286.5	Dalton,	10	269.6
Arlington,	19	307.2	Danvers,	27	267.3
Ashburnham,	12	218.8	Dedham,	15	308.5
Athol,	42	261.4	Deerfield,	9	225.2
Attleborough,	151	273.4	Dighton,	10	242.1
Ayer,	14	273.7	Douglas,	11	195.8
Barnstable,	15	263.5	Dudley,	10	342.9
Barre,	9	242.8	Easthampton,	25	263.6
Becket,	8	287.3	Easton,	10	279.7
Belmont,	9	308.7	Erving,	6	225.8
Beverly,	67	283.4	Essex,	6	219.0
Billerica,	10	246.7	EVERETT,	85	294.0
Boston,	3,138	292.8	FALL RIVER,	315	284.8
Braintree,	18	278.3	FITCHBURG,	137	284.2
Bridgewater,	21	249.5	Foxborough,	15	250.5
Brockton,	243	285.3	Framingham,	49	289.1
Brookfield,	4	284.7	Franklin,	27	273.4
Brookline,	21	290.0	Gardner,	64	296.8
CAMBRIDGE,	316	290.4	Georgetown,	7	252.3
Canton,	18	280.9	GLOUCESTER,	87	290.1

TABLE V. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Grafton,	14	264.6	Palmer,	25	286.2
Great Barrington,	21	260.4	Peabody,	77	290.2
Greenfield,	50	290.4	Pepperell,	12	261.0
Hanover,	8	219.0	Pittsfield,	84	285.6
Hanson,	8	205.1	Plainville,	6	283.2
Haverhill,	398	283.7	Plymouth,	37	295.7
Hingham,	8	256.6	Quincy,	177	273.1
Holyoke,	222	282.9	Randolph,	10	290.0
Hudson,	32	286.8	Reading,	18	279.7
Kingston,	12	284.3	Revere,	27	308.7
Lawrence,	221	300.0	Rockland,	21	283.9
Lee,	22	235.4	Rockport,	15	232.7
Leicester,	10	296.3	Rowley,	8	269.3
Leominster,	89	279.3	Salem,	178	262.3
Lexington,	11	279.1	Saugus,	12	265.9
Lowell,	300	283.4	Shelburne,	9	227.9
Lynn,	429	289.6	Shirley,	8	186.3
Malden,	92	290.5	Somerville,	144	295.6
Manchester,	9	291.7	South Hadley,	13	300.1
Mansfield,	31	242.3	Southbridge,	35	297.0
Marblehead,	27	258.1	Spencer,	18	275.8
Marlborough,	43	282.2	Springfield,	395	295.4
Medford,	54	287.4	Stoneham,	23	279.0
Medway,	11	303.1	Stoughton,	21	283.3
Melrose,	26	290.8	Swampscott,	7	300.7
Merrimac,	8	274.1	Taunton,	115	279.0
Methuen,	25	285.9	Templeton,	19	245.5
Middleborough,	35	240.6	Townsend,	8	281.7
Milford,	59	268.8	Uxbridge,	16	258.7
Millbury,	27	272.3	Wakefield,	22	288.9
Milton,	6	260.3	Walpole,	16	302.3
Monson,	9	262.0	Waltham,	88	292.9
Montague,	21	249.7	Ware,	22	280.0
Natick,	33	283.2	Wareham,	18	211.0
Needham,	24	288.0	Warren,	9	277.6
New Bedford,	233	294.9	Watertown,	30	281.7
Newburyport,	54	288.8	Wellesley,	10	300.8
Newton,	58	288.7	West Springfield,	29	279.0
North Adams,	70	301.2	West Stockbridge,	10	258.8
North Andover,	8	271.9	Westborough,	17	249.9
North Attleborough,	74	263.5	Westfield,	100	296.1
North Brookfield,	9	262.0	Westford,	17	217.4
North Reading,	6	303.5	Weymouth,	40	271.9
Northampton,	75	292.8	Whitman,	24	277.8
Northborough,	6	226.6	Williamsburg,	12	243.3
Northbridge,	19	253.0	Winchendon,	28	294.2
Norton,	6	233.5	Winchester,	19	275.7
Norwood,	25	269.7	Winthrop,	10	307.9
Orange,	21	280.2	Woburn,	57	289.6
Oxford,	12	289.2	Worcester,	606	287.0

TABLE VI. Power Used in Manufactures in Massachusetts — 1899-1914.

Power.	NUMBER OF ENGINES OR MOTORS				HORSEPOWER			
	1914	1909	1904	1899 ¹	1914	1909	1904	1899 ¹
Primary power, total.								
Owned,	-	-	-	-	1,396,722	1,175,971	933,997	796,061
Steam,	7,205	8,485	8,449	8,996	1,180,573	1,040,438	885,369	764,067
Gas,	4,893	5,784	5,855	6,439	970,506	833,701	680,467	576,525
Water wheels,	770	896	654	468	20,242	18,326	7,487	4,074
Water motors,	1,480	1,750	1,868	2,089	188,917	185,996	183,135	181,907
Other,	62	55	72	- ²	908	520	292	- ²
Rented,	-	-	-	-	-	1,895	3,988	1,561
Electric,	26,412	10,794	- ²	- ²	216,149	134,633	52,638	31,994
Other,	26,412	10,794	- ²	- ²	200,339	109,996	27,073	13,409
Electric motors,	-	-	-	-	15,810	24,637	25,565	18,585
Run by current generated by establishment,	56,927	29,344	3,697	823	582,971	402,492	91,012	32,828
Run by rented power,	30,515	18,550	3,697	823	382,632	292,496	63,939	19,419
	26,412	10,794	- ²	- ²	200,339	109,996	27,073	13,409

¹ Includes the hand trades and neighborhood industries, omitted in 1904, 1909, and 1914.² Not reported.

LAUNDRIES.

TABLE VII. — Summary of Statistics for Steam Laundries: 1909 and 1914.

CITIES AND TOWNS.	Census Year	Number of Establishments	PERSONS ENGAGED IN THE INDUSTRY				Primary Horse-power	Capital	Salaries	Wages	Cost of Materials	Amount Received for Work Done
			Total	Proprietors and Firm Members	Salaried Employees	Wage Earners (Average Number)						
THE STATE.	1914	391	8,861	404	686	7,771	11,382	\$4,605,798	\$713,460	\$3,721,409	\$1,391,900	\$3,661,830
Per cent of increase, . . .	1909	280	6,655	313	384	5,958	6,802	2,951,025	336,326	2,532,593	903,845	5,754,572
	-	39.6	33.1	29.1	78.6	30.4	67.3	59.1	112.1	44.1	54.0	50.5
Attleborough, . . .	1914	4	48	5	3	40	93	\$28,361	\$1,544	\$18,904	\$5,041	\$36,904
Beverly, . . .	1914	4	80	3	11	66	60	27,943	10,660	30,175	10,033	81,840
	1909	3	51	4	3	44	80	16,995	3,140	12,014	6,023	34,950
Boston, . . .	1914	55	2,258	42	139	2,127	2,709	1,108,103	243,501	941,278	363,223	2,297,350
	1909	53	1,860	56	104	1,700	1,636	705,104	104,746	700,077	260,187	1,577,643
Brockton, . . .	1914	6	165	10	15	140	195	120,999	14,268	81,475	18,825	160,609
	1909	3	129	5	8	116	93	51,637	5,148	57,884	18,441	115,363
Cambridge, . . .	1914	9	542	6	38	448	535	367,717	90,811	224,900	64,962	563,183
	1909	7	532	6	45	481	567	349,011	40,879	216,961	67,235	494,843
Chelsea, . . .	1914	4	67	3	2	63	115	31,200	1,664	29,405	12,032	64,440
Chicopee, . . .	1914	3	30	4	-	26	65	16,916	-	10,745	5,843	28,175

EVERETT,	1914	3	87	2	9	76	72	31,782	12,122	27,603	15,009	82,252
FALL RIVER,	1914	13	278	16	12	250	531	263,308	10,251	137,099	63,111	302,077
	1909	10	219	13	16	190	413	198,243	9,743	97,652	36,476	216,838
FITCHBURG,	1914	5	93	7	3	83	111	37,198	1,024	36,532	12,851	68,252
	1909	4	68	6	-	62	88	17,211	-	25,197	6,390	52,096
HAVENHILL,	1914	16	205	25	9	171	315	65,650	7,155	82,007	32,192	180,000
	1909	6	97	8	2	87	55	23,320	1,068	40,940	10,469	86,034
HOLYOKE,	1914	5	82	11	3	68	135	88,030	2,300	36,312	16,342	95,481
	1909	4	86	6	2	78	93	72,610	1,716	39,860	19,605	82,300
LAWRENCE,	1914	11	144	13	8	123	208	64,900	6,620	58,504	23,535	132,377
	1909	9	81	12	1	68	129	40,220	364	26,024	10,679	66,405
Leominster,	1914	3	40	3	2	35	43	13,335	884	14,895	3,578	33,500
LOWELL,	1914	9	233	10	6	217	328	66,955	4,766	94,742	33,810	199,247
	1909	9	207	11	8	188	145	54,814	3,512	80,577	30,974	170,085
LYNN,	1914	16	399	16	35	348	443	257,228	26,782	151,526	44,967	353,038
	1909	10	297	11	16	270	229	107,874	12,312	118,929	48,173	276,314
MALDEN,	1914	4	139	3	14	122	170	42,549	13,174	54,600	26,299	119,937
	1909	3	91	2	7	82	60	14,000	4,992	42,349	5,274	64,986
MELROSE,	1914	3	22	5	-	17	34	9,860	-	9,187	4,874	25,996

TABLE VII. — *Summary of Statistics for Steam Laundries: 1909 and 1914 — Concluded.*

CITIES AND TOWNS.	Census Year	Number of Establishments	PERSONS ENGAGED IN THE INDUSTRY				Primary Home-power	Capital	Salaries	Wages	Cost of Materials	Amount Received for Work Done
			Total	Proprietors and Firm Members	Salaries Employees	Wage Earners (Average Number)						
Methuen,	1914	3	56	1	4	51	56	\$14,643	\$2,832	\$22,834	\$4,167	\$36,651
Natick,	1914	3	28	4	—	24	33	19,050	—	11,363	3,090	27,400
NEW BEDFORD,	1914	13	257	14	14	229	559	142,976	11,819	126,809	47,846	294,490
	1909	10	193	12	1	180	266	76,374	2,115	86,740	27,399	175,172
NEWBURYPORT,	1914	5	47	5	4	38	91	17,340	2,662	17,390	8,285	41,960
	1909	3	28	3	—	25	27	10,761	—	10,021	3,213	25,253
NORTH ADAMS,	1914	4	75	5	5	65	105	41,103	4,836	29,340	11,240	62,366
NORTHAMPTON,	1914	4	57	4	—	53	172	16,018	—	23,390	7,320	50,734
	1909	3	42	3	—	39	25	15,657	—	15,281	6,320	31,551
PITTSFIELD,	1914	3	57	2	4	51	53	37,016	3,895	27,041	8,787	52,764
QUINCY,	1914	7	85	5	11	69	214	51,730	11,120	34,668	14,985	86,516
	1909	4	52	4	8	40	87	36,838	6,943	20,666	11,850	56,393
SALEM,	1914	5	166	4	10	152	148	62,398	13,345	53,714	22,535	176,825
	1909	3	160	2	9	149	95	31,736	9,652	69,614	16,598	152,212

SOMERVILLE,	1914	5	75	5	4	66	122	19,916	7,252	40,894	19,908	96,781
	1909	5	68	2	7	59	121	32,415	6,706	26,977	8,322	64,676
SPRINGFIELD,	1914	13	414	9	47	358	313	278,335	48,043	182,169	57,399	421,203
	1909	12	287	11	24	252	258	163,668	25,500	97,496	36,303	284,732
TAUNTON,	1914	5	108	8	5	95	169	58,325	3,701	47,319	27,962	103,066
	1909	5	108	10	6	92	142	42,775	3,068	34,508	13,238	72,216
WALTHAM,	1914	3	116	1	15	100	102	27,501	12,935	51,726	12,475	115,399
	1909	3	90	3	12	75	102	34,422	6,687	31,536	10,416	73,708
Watertown,	1914	4	283	2	9	272	127	87,091	7,890	147,265	44,829	270,686
WORCESTER,	1914	11	403	8	37	358	444	254,079	36,372	184,063	84,786	416,376
	1909	13	387	10	20	357	378	174,255	21,478	144,116	59,656	316,215
Other cities and towns,	1914	130	1,622	143	108	1,371	2,408	926,943	99,382	652,543	257,359	1,583,786
	1909	98	1,522	113	85	1,324	1,723	681,045	66,552	588,174	190,304	1,264,082

Classified Weekly Wages (Rates). General Laundries — 1914.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	6,900	-	1	76	463	1,213	1,001	943	817	530	202	371	144	131	257	233	223	132	66	71
Per cent,	100.0	-	-1	1.1	6.7	17.6	14.4	13.6	11.7	7.6	2.9	5.3	2.1	1.9	3.7	3.3	3.2	1.9	1.0	1.0
Males (18 years and over),	1,970	-	-	1	7	35	57	67	111	147	93	237	103	157	256	213	223	128	65	70
Per cent,	100.0	-	-	-1	0.4	1.8	2.9	3.4	5.6	7.5	4.7	12.0	5.2	8.0	13.0	10.8	11.3	6.5	3.3	3.6
Females (18 years and over),	4,760	-	1	57	381	1,086	914	808	703	381	109	134	41	24	30	20	5	4	1	1
Per cent,	100.0	-	-1	1.2	8.0	22.8	19.2	16.8	14.8	8.0	2.3	2.8	0.9	0.5	0.6	0.4	0.1	0.1	-1	-1
Young persons (under 18 years of age),	239	-	-	18	80	97	30	8	3	2	-	-	-	-	1	-	-	-	-	-
Per cent,	100.0	-	-	7.5	33.5	40.6	12.6	3.3	1.3	0.8	-	-	-	-	0.4	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries — 1914.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	370	-	9	25	36	67	50	65	74	86	51	116	37	35	71	43	47	28	14	11
Per cent,	100.0	-	1.0	6.9	9.7	18.1	13.5	17.6	20.3	23.3	13.8	31.4	10.0	9.5	19.2	11.6	12.7	7.6	3.8	3.0
Males (18 years and over),	680	-	1	3	11	25	21	44	65	65	50	114	37	35	71	47	47	28	14	11
Per cent,	100.0	-	0.2	0.4	1.6	3.6	3.0	6.4	9.4	9.4	7.3	16.6	5.4	5.1	10.3	6.8	6.8	4.1	2.0	1.6
Females (18 years and over),	166	-	8	18	24	38	25	21	9	19	1	2	-	-	-	1	-	-	-	-
Per cent,	100.0	-	4.8	10.8	14.5	22.9	15.1	12.7	5.4	11.4	0.6	1.2	-	-	-	0.6	-	-	-	-
Young persons (under 18 years of age),	15	-	-	4	1	4	4	-	-	2	-	-	-	-	-	-	-	-	-	-
Per cent,	100.0	-	-	26.7	6.6	26.7	26.7	-	-	13.3	-	-	-	-	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

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No. 36

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

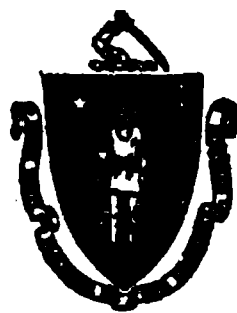
THIRTIETH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1915



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1917

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Public Employment Offices Division*, embracing the administration of the State Public Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

PUBLICATION OF THIS DOCUMENT
APPROVED BY THE
SUPERVISOR OF ADMINISTRATION.

The Commonwealth of Massachusetts

THIRTIETH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1915

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS



BOSTON
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STATE PRINTERS
1917

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

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6-30-179
Circular No. 179
Circular No. 179

STATISTICS OF MANUFACTURES—1915.

INTRODUCTION.

The report for 1915, thirtieth in the series on the Statistics of Manufactures, has been compiled from the returns filed by 9,707 establishments, and includes a new feature, namely, data relating to exports covering 1,649 establishments. In the manufacturing world, the year 1915, so far as Massachusetts is concerned, was exceptionally quiet. Although the total product value reported for the twelve months of that year amounted to \$1,692,445,366, exceeding the aggregate for 1914 by over 51 millions of dollars, Massachusetts industries, in general, were still seriously affected by the period of depression which, overlapping from the previous year, showed no evidence of abatement over an eight-months interval into 1915. The month of September, 1915, had nearly passed before the current of reviving business began to make itself apparent. Stimulus came principally in the form of war orders for shoes, cloth for uniforms, for saddlery and military equipment, and, more than anything else, for special machinery to be used in further stages of production. This wholly external influence arrived so late in the year, however, that it tended only to restore the balance registered in normal years, as is seen from a comparison of the aggregates for 1913 and 1915, respectively, which are brought together with the other years since 1907 in the following table for All Industries:

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage-Earners
1907.	5,571	\$1 55	\$7 58	\$2 12	539,963
1908.	6,044	1 62	6 59	2 90	480,134
1909. ¹	11,584	1 86	8 42	3 64	584,559
1910.	7,989	1 10	6 56	3 31	578,551
1911.	8,182	1 08	8 79	3 56	584,033
1912.	8,271	1 45	9 52	3 04	606,590
1913.	8,406	1 68	9 76	3 06	515,927
1914. ¹	12,013	1 47	9 93	3 47	535,096
1915.	9,707 ²	1 66	9 57	3 72	595,548

¹ Census year; not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, 1913, and 1915.

² The smaller number of returns in 1915 as compared with the Census year 1914 is due principally to the elimination of the following classes of establishments: Those employing no wage-earners; country saw and gristmills; and publishing establishments which do no printing.

General conditions were so unsettled that equilibrium in our *principal* industries was maintained only through great effort,

manufacturers having to use their utmost exertions in order to keep their factories going. The product for *Boots and shoes* for 1915, \$204,042,623, represented a gain of only about two per cent as compared with the total for 1914. The average of employment, while running higher in particular localities and establishments devoted to the manufacture of army shoes, was, for the industry as a whole, generally lower than during the preceding year, the average number of wage earners for 1915 being 74,548 as against 76,944 in 1914.

In *Cotton goods*, including Cotton small wares the particular feature of the year was the decreased cost of stock used, raw cotton being obtainable at record low price on account of the lessened demand for this material for export to foreign countries, leaving a surplus supply in the domestic market. Accompanying this decrease in cost of materials, however, will be noted the increase in the amount paid for labor, so that while the average number of wage earners in the industry remained practically stationary, 113,559, and 113,223 in 1914 and 1915, respectively, the total pay roll for the year 1915 exceeded that of 1914 by \$1,689,667, or 3.3 per cent. The value of output in 1915 was \$197,594,533 as against \$197,322,111 in 1914.

Conditions in *Electrical machinery, apparatus, and supplies* in 1915 were not widely different from those of 1914, a gain in number of wage earners of 1.3 per cent, an increase of 8.8 per cent in the amount paid in wages, and a slight decline in value of product from \$43,869,294 to \$43,335,337 appearing.

Foundry and machine-shop products, on the other hand, exhibits a complete reversal of conditions as compared with 1914. For nearly a decade this industry has been practically stationary in Massachusetts, but the product value which in 1914 registered \$85,638,612, rose to \$103,960,727 in 1915, an increase of over \$18,000,000 or 21.4 per cent. This, the record year in its history, witnesses the advance of the industry to a new level, namely a product value in excess of \$100,000,000, which distinction has hitherto been held only by Boots and shoes and the textile industries, — Cotton goods, including Cotton small wares; and Woolen and worsted goods. There was an increase of 4,279 or 10.3 per cent in the average number of wage earners, while wages were augmented by \$4,770,445, or 17 per cent.

In *Leather, tanned, curried, and finished* the average number of wage earners was practically identical with 1914; the total paid in wages advanced 1.1 per cent, and the value of goods exhibited slight increase, from \$45,265,434 in 1914 to \$45,383,398 in 1915. It should be stated, however, that the product in this industry in Massachusetts is in reality larger than these figures indicate, since the totals given for cost of materials and value of product do not include the value of hides and skins treated under contract, *i.e.*, tanned or finished for other parties who supplied the stock, — for the reason that, in such cases, the chief materials, hides and skins, are not owned by the firm directly engaged in doing the work. The value of these materials, if added, would result in increasing both stock and product by approximately \$10,000,000.

In *Paper and wood pulp* the value of goods produced was practically the same as in 1914, the totals being \$43,352,545 and \$44,060,579, respectively, the increase in 1915 amounting to 1.6 per cent. A decrease in cost of stock and materials is noted, and the average number of wage earners fell off from 13,401 to 13,147, a decline of 1.9 per cent.

Slaughtering and meat packing exhibits a decline of \$4,868,268, or 8.9 per cent in product value as compared with 1914, and a corresponding decline in cost of materials amounting to 5.8 per cent. A decline in average number of wage earners from 3,582 in 1914 to 3,473 is noted, accompanied by an increase in the total amount paid in wages of 2.4 per cent in 1915.

In *Woolen and worsted goods*, including Felt goods, the value of product reported, \$143,628,515, was the highest in the history of the industry. The gain, however, is more apparent than real, and is due mainly to the advance in price of raw wool — and its consequent reflection in the value of goods produced — accelerated by the cutting off of a large part of the supply of Australian wools and greater dependence on the wools of South America. The increase in the cost of materials for the year 1915 was \$7,003,006, or 8.4 per cent as compared with 1914. The total amount paid in wages, and the average number of wage earners in the industry show slight decline, namely, from \$27,363,082 to \$26,367,140 and from 54,255 to 53,268, respectively.

The totals for eight leading industries, brought up to date, appear in the following tables:

Boots and Shoes (exclusive of Cut Stock and Findings).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	—	—
1908,	169,957,116	\$18,170,060 ¹	9.7 ¹
1909,	187,045,767	17,088,651	10.1
1910,	190,855,515	3,810,748	2.0
1911,	196,898,074	6,041,559	3.2
1912,	209,489,037	12,590,963	6.4
1913,	216,667,911	7,178,874	3.4
1914,	200,529,858	16,138,053 ¹	7.4 ¹
1915,	204,042,623	3,512,765	1.8
Increase for the eight-year period,	—	15,915,447	8.5

(b) Stock and Materials.

1907,	\$118,399,291	—	—
1908,	104,171,604	\$14,227,687 ¹	12.0 ¹
1909,	114,277,189	10,105,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,298	3,705,812	3.2
1912,	125,659,535	6,329,237	5.3
1913,	130,961,171	5,301,536	4.2
1914,	126,325,680	10,635,491 ¹	8.1 ¹
1915,	123,977,758	3,652,078	3.0
Increase for the eight-year period,	—	5,578,467	4.7

(c) Wages Paid.

1907,	\$42,025,242	—	—
1908,	38,959,428	\$3,065,814 ¹	7.3 ¹
1909,	41,970,498	3,011,070	7.7
1910,	45,171,454	3,200,956	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
1913,	50,770,185	1,173,901	2.4
1914,	46,743,858	4,026,327 ¹	7.9 ¹
1915,	45,325,273	1,418,585 ¹	3.0 ¹
Increase for the eight-year period,	—	3,300,031	7.9

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	—	—
1908,	69,250	3,421 ¹	4.7 ¹
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.3
1912,	81,962	2,420	3.0
1913,	81,228	734 ¹	0.9 ¹
1914,	76,944	4,284 ¹	5.3 ¹
1915,	74,548	2,396 ¹	3.1 ¹
Increase for the eight-year period,	—	1,877	2.6

¹ Decrease.

Cotton Goods (including Cotton Small Wares).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$190,148,422	-	-
1908,	186,048,828	\$4,099,594 ¹	17.9 ¹
1909,	186,462,318	413,490	19.8
1910,	192,777,722	6,315,404	3.4
1911,	183,121,235	9,656,487 ¹	5.0 ¹
1912,	199,010,823	15,889,588	8.2
1913,	211,965,230	12,954,407	12.2
1914,	197,822,111	14,143,091 ¹	6.9 ¹
1915,	197,694,538	12,872,427	6.1
Increase for the eight-year period,	-	72,511,111	3.9

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$106,499,029	-	-
1908,	92,961,808	\$13,537,221 ¹	11.9 ¹
1909,	106,158,794	13,206,986	13.1
1910,	121,889,780	15,730,986	15.0
1911,	119,879,589	2,009,191 ¹	1.6 ¹
1912,	115,079,451	4,800,138 ¹	4.0 ¹
1913,	128,804,514	13,725,063	11.8
1914,	119,834,234	8,970,280 ¹	6.8 ¹
1915,	110,090,790	9,743,444 ¹	8.1 ¹
Increase for the eight-year period,	-	4,591,761	4.4

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$45,063,459	-	-
1908,	40,223,087	\$4,840,372 ¹	10.7 ¹
1909,	45,117,069	4,893,982	12.2
1910,	44,867,100	250,969 ¹	0.6 ¹
1911,	44,744,628	122,472 ¹	0.3 ¹
1912,	45,943,728	4,199,100	9.4
1913,	53,158,512	4,214,784	8.6
1914,	50,706,040	2,452,472 ¹	4.6 ¹
1915,	52,305,707	1,609,667	3.2
Increase for the eight-year period,	-	7,332,348	16.3

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	101,862	-	-
1908,	91,645	10,217 ¹	10.0 ¹
1909,	108,914	17,269	18.8
1910,	108,804	110 ¹	0.1 ¹
1911,	109,683	879	0.8
1912,	112,884	3,201	2.9
1913,	115,827	2,943	2.1
1914,	113,359	2,468 ¹	2.0 ¹
1915,	113,228	1,131 ¹	0.8 ¹
Increase for the eight-year period,	-	11,361	11.2

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$26,692,284	—	—
1908,	18,065,968	\$8,626,316 ¹	32.3 ¹
1909,	28,142,889	10,076,921	55.8
1910,	32,036,398	3,893,504	13.8
1911,	36,419,395	4,383,002	13.7
1912,	47,964,936	11,545,541	31.7
1913,	54,433,691	6,468,755	13.5
1914,	43,869,294	10,564,397 ¹	19.4 ¹
1915,	43,335,837	533,957 ¹	1.2 ¹
Increase for the eight-year period,	—	16,643,053	62.4

(b) Stock and Materials.

1907,	\$11,830,975	—	—
1908,	8,569,255	\$3,261,720 ¹	27.6 ¹
1909,	12,734,820	4,165,565	48.6
1910,	16,352,531	3,617,711	28.4
1911,	14,903,562	1,448,969 ¹	8.9 ¹
1912,	22,314,895	7,411,333	49.7
1913,	25,133,493	2,818,598	12.6
1914,	17,696,907	7,436,586 ¹	29.6 ¹
1915,	18,668,861	971,954	5.5
Increase for the eight-year period,	—	6,837,836	57.8

(c) Wages Paid.

1907,	\$7,260,068	—	—
1908,	5,884,393	\$1,375,675 ¹	18.9 ¹
1909,	8,209,174	2,324,781	39.5
1910,	10,421,310	2,212,136	26.9
1911,	10,818,142	396,832	3.8
1912,	12,645,825	1,827,683	16.9
1913,	14,352,758	1,706,933	13.5
1914,	10,651,133	3,701,625 ¹	25.8 ¹
1915,	11,586,027	934,894	8.8
Increase for the eight-year period,	—	4,325,959	59.6

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,453	—	—
1908,	10,538	2,915 ¹	21.7 ¹
1909,	14,507	3,969	37.7
1910,	17,363	2,856	19.7
1911,	17,879	516	3.0
1912,	20,317	2,438	13.6
1913,	22,437	2,120	10.4
1914,	17,125	5,312 ¹	23.7 ¹
1915,	17,342	217	1.3
Increase for the eight-year period,	—	3,889	28.9

¹ Decrease.

Foundry and Machine-Shop Products.¹**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907, ²	-	-	-
1908,	62	-	-
1909,	71	32	9
1910,	12	1	7.9
1911,	46	7	9.8
1912,	80	3	5.3
1913,	82	2	1.9
1914,	12	1	5.3
1915,	27	11	31.4
Increase for the seven-year period,	-	41	62.6

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907, ²	-	-	-
1908,	83	106	-
1909,	3	87	14
1910,	3	3	11.9
1911,	3	4	12.9
1912,	3	2	8.3
1913,	3	1	4.6
1914,	3	3	10.8
1915,	3	5	20.0
Increase for the seven-year period,	-	15	65.3

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907, ²	-	-	-
1908,	33	73	-
1909,	3	85	18
1910,	3	4	17.1
1911,	3	3	7.8
1912,	3	3	3.4
1913,	3	1	4.7
1914,	2	3	11.0
1915,	3	4	17.0
Increase for the seven-year period,	-	11	55.9

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907, ²	-	-	-
1908,	35,035	-	-
1909,	44,179	9,144	26.1
1910,	49,063	4,884	11.1
1911,	45,004	4,039	8.3
1912,	45,543	539	1.2
1913,	45,814	271	0.6
1914,	41,351	4,463	9.7
1915,	45,640	4,279	10.3
Increase for the seven-year period,	-	10,605	30.3

¹ In accordance with the Census grouping, this industry includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

² Comparable figures are not available.

³ Decrease.

Leather, Tanned, Curried, and Finished.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$46,903,784	—	—
1908,	41,613,182	\$5,290,602 ¹	11.8 ¹
1909,	40,002,079	1,611,103 ¹	3.9 ¹
1910,	41,544,425	1,542,346	3.9
1911,	41,701,686	157,261	0.4
1912,	51,967,780	10,266,094	24.7
1913,	46,674,470	5,313,310 ¹	10.2 ¹
1914,	45,265,484	1,409,036 ¹	3.0 ¹
1915,	45,383,398	117,964	0.3
Increase for the eight-year period,	—	1,520,386 ¹	3.2 ¹

(b) Stock and Materials.

1907,	\$34,364,843	—	—
1908,	29,850,511	\$4,514,332 ¹	13.1 ¹
1909,	28,765,508	1,085,003 ¹	3.6 ¹
1910,	30,346,759	1,581,251	5.5
1911,	30,160,956	185,803 ¹	0.6 ¹
1912,	37,353,493	7,192,537	23.8
1913,	34,744,413	2,609,080 ¹	7.0 ¹
1914,	33,194,061	1,550,352 ¹	4.5 ¹
1915,	30,120,290	3,073,771 ¹	9.3 ¹
Increase for the eight-year period,	—	4,244,553 ¹	12.4 ¹

(c) Wages Paid.

1907,	\$5,284,362	—	—
1908,	4,959,120	\$325,242 ¹	6.2 ¹
1909,	5,443,944	484,824	9.8
1910,	5,808,631	364,687	6.7
1911,	5,604,360	204,271 ¹	3.5 ¹
1912,	6,625,375	1,021,015	18.2
1913,	6,138,384	486,991 ¹	7.4 ¹
1914,	5,918,206	220,179 ¹	3.6 ¹
1915,	5,981,472	63,267	1.1
Increase for the eight-year period,	—	697,110	13.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	10,156	—	—
1908,	9,237	929 ¹	9.1 ¹
1909,	10,252	1,025	11.1
1910,	10,691	439	4.3
1911,	9,903	788 ¹	7.4 ¹
1912,	11,372	1,469	14.8
1913,	10,321	1,051 ¹	9.2 ¹
1914,	10,164	157 ¹	1.5 ¹
1915,	10,185	21	0.2
Increase for the eight-year period,	—	29	0.3

¹ Decrease.

Paper and Wood Pulp.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,087,321	\$10,620,359 ¹	24.9 ¹
1909,	40,096,713	8,009,392	25.0
1910,	43,030,325	2,923,612	7.3
1911,	44,951,237	1,920,912	4.5
1912,	47,228,049	2,276,812	5.1
1913,	48,402,886	1,174,837	2.5
1914,	43,352,545	5,050,341 ¹	10.4 ¹
1915,	44,060,579	708,034	1.6
Increase for the eight-year period,	-	1,352,890	3.2

(b) Stock and Materials.

1907,	\$23,927,908	-	-
1908,	18,093,119	\$5,834,789 ¹	24.4 ¹
1909,	22,349,613	4,256,494	23.5
1910,	25,869,769	3,520,156	15.8
1911,	27,258,974	1,389,205	5.4
1912,	29,000,736	1,741,762	6.4
1913,	29,931,380	930,644	3.2
1914,	26,610,748	3,320,632 ¹	11.1 ¹
1915,	25,758,604	852,144 ¹	3.2 ¹
Increase for the eight-year period,	-	1,830,696	7.7

(c) Wages Paid.

1907,	\$6,725,401	-	-
1908,	5,569,968	\$1,155,433 ¹	17.3 ¹
1909,	6,541,636	971,668	17.4
1910,	6,871,253	329,617	5.0
1911,	7,169,660	298,407	4.3
1912,	7,791,973	622,313	8.7
1913,	8,197,440	405,467	5.2
1914,	7,548,620	648,820 ¹	7.9 ¹
1915,	7,390,568	158,052 ¹	2.1 ¹
Increase for the eight-year period,	-	655,167	9.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	2,156 ¹	15.9 ¹
1909,	12,848	1,458	12.8
1910,	13,382	534	4.2
1911,	13,811	429	3.2
1912,	14,096	285	2.1
1913,	14,352	256	1.8
1914,	13,401	951 ¹	6.6 ¹
1915,	13,147	254 ¹	1.9 ¹
Increase for the eight-year period,	-	390 ¹	2.9 ¹

¹ Decrease.

Slaughtering and Meat Packing (including Sausage).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$34,390,848	—	—
1908,	34,320,082	\$70,811 ¹	0.2 ¹
1909,	44,402,972	10,082,940	29.4
1910,	43,735,331	667,591 ¹	1.5 ¹
1911,	43,295,246	440,135 ¹	1.0 ¹
1912,	50,637,311	7,342,065	17.0
1913,	53,653,143	3,020,832	15.8
1914,	54,446,687	4,211,456 ¹	7.2 ¹
1915,	49,578,419	4,868,268 ¹	8.9 ¹
Increase for the eight-year period,	—	15,183,076	44.2

(b) Stock and Materials.

1907,	\$30,826,609	—	—
1908,	30,643,479	\$183,130 ¹	0.6 ¹
1909,	38,886,139	8,242,660	26.9
1910,	39,592,311	706,172	1.8
1911,	38,673,909	918,402 ¹	2.3 ¹
1912,	44,644,921	5,971,012	15.4
1913,	52,153,644	7,513,723	16.8
1914,	47,475,817	4,682,827 ¹	9.0 ¹
1915,	44,723,856	2,746,961 ¹	5.8 ¹
Increase for the eight-year period,	—	13,902,247	45.1

(c) Wages Paid.

1907,	\$1,440,263	—	—
1908,	1,472,946	\$32,683	2.3
1909,	1,837,166	364,220	24.7
1910,	1,668,177	168,989 ¹	9.2 ¹
1911,	1,732,442	114,265	6.8
1912,	1,942,125	159,683	9.0
1913,	2,102,410	160,285	8.3
1914,	2,141,451	39,041	1.9
1915,	2,193,506	52,055	2.4
Increase for the eight-year period,	—	753,243	52.3

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	2,676	—	—
1908,	2,707	31	1.2
1909,	3,325	618	22.8
1910,	2,941	384 ¹	11.5 ¹
1911,	3,172	231	7.9
1912,	3,432	260	8.2
1913,	3,577	145	4.2
1914,	3,532	5	0.1
1915,	3,473	109 ¹	3.0 ¹
Increase for the eight-year period,	—	797	29.8

¹ Decrease.

Woolen and Worsted Goods (including Felt Goods).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$1 21	-	-
1908.	1 30	\$26,510,591 ¹	20.2 ¹
1909.	1 84	26,080,804	24.5
1910.	1 40	17,450,394 ¹	12.4 ¹
1911.	1 30	7,012,810 ¹	5.7 ¹
1912.	1 45	20,385,715	17.5
1913.	1 08	14,062,453 ¹	10.3 ¹
1914.	1 14	7,852,421	6.4
1915.	1 15	12,280,001	10.2
Increase for the eight-year period,	-	12,524,694	9.6

(b) Stock and Materials.

1907.	\$91,112,408	-	-
1908.	62,757,850	\$17,380,642 ¹	21.4 ¹
1909.	67,296,006	22,522,755	29.9
1910.	76,462,280	10,522,225 ¹	12.4 ¹
1911.	74,859,466	1,808,815 ¹	2.1 ¹
1912.	85,546,580	10,687,115	14.2
1913.	74,770,942	10,775,637 ¹	12.6 ¹
1914.	82,077,422	8,306,480	11.1
1915.	90,080,429	7,008,006	8.4
Increase for the eight-year period,	-	8,861,936	11.0

(c) Wages Paid.

1907.	\$22,892,325	-	-
1908.	19,069,857	\$3,822,468 ¹	16.7 ¹
1909.	24,283,242	5,193,386	27.2
1910.	22,274,149	1,984,094 ¹	8.2 ¹
1911.	22,718,615	444,466	2.0
1912.	26,699,717	3,981,102	17.5
1913.	24,221,894	2,477,823 ¹	8.7 ¹
1914.	27,362,082	2,981,188	12.2
1915.	26,267,140	995,042 ¹	3.6 ¹
Increase for the eight-year period,	-	2,474,206	15.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	50,098	-	-
1908.	42,640	7,558 ¹	15.1 ¹
1909.	53,195	10,555	25.0
1910.	49,272	3,923 ¹	7.4 ¹
1911.	49,276	3	- ²
1912.	54,453	5,177	10.5
1913.	50,519	3,934 ¹	7.2 ¹
1914.	54,255	3,736	7.4
1915.	53,269.	987 ¹	1.3 ¹
Increase for the eight-year period,	-	2,175	8.2

¹ Decrease.² Less than one-tenth of one per cent.

EXPORTS.

In response to the demand for data concerning our export trade which has become a matter of public interest, the Annual Statistics supplemental schedule for 1914 contained a simple inquiry as to the value of goods exported in that year. In 1915, the inquiry was extended to include not only the value of the goods exported, but the countries of destination. Previous to 1914, Massachusetts manufacturers did not concern themselves to any great extent with foreign commerce. Goods were produced mainly to supply the domestic market and our manufactures had not been developed with a view to supplying a world-wide trade. There was, of course, a considerable demand for staple lines comprising Boots and shoes, Leather, Machinery, and Cotton goods, and a number of enterprising business men exerted themselves to develop a market for their goods abroad; but operations on a large scale were undertaken by but few establishments having extensive capital and special facilities for selling.

The outbreak of the world war, however, changed this somewhat provincial attitude of our American manufacturers, made European countries dependent in a large measure on the resources of this country, quickened the demand for American goods abroad, and animated Massachusetts manufacturers to take positive advantage of the opportunity.

The following table itemizes some interesting data for number of establishments and value of goods exported by Massachusetts manufacturers, in 1914 and 1915, for industries having a representation of three or more establishments which can be presented without disclosing the operations of individual concerns: —

INDUSTRIES.	NUMBER OF ESTABLISHMENTS		VALUE OF GOODS EXPORTED	
	1914	1915	1914	1915
All Industries.	1,195	1,649	\$39,670,307	\$111,729,716
Automobiles,	4	6	91,421	441,029
Boot and shoe cut stock and findings, . .	82	120	1,177,172	2,335,667
Boots and shoes,	116	195	5,788,822	27,272,966
Canning and preserving fish,	7	9	80,600	759,899
Chemicals,	5	10	37,102	506,062
Clothing, men's,	12	9	47,930	119,900
Combs and hairpins,	6	11	14,539	51,214
Confectionery,	7	14	39,774	139,041
Cotton goods,	22	42	2,796,582	5,635,230
Foundry and machine-shop products, . .	221	295	3,162,578	12,128,140
Furniture,	15	18	167,789	169,512
Hats, straw,	6	9	99,359	149,336
Hosiery and knit goods,	8	15	155,509	1,461,763
Jewelry,	35	53	121,438	373,892
Lasts,	14	15	96,642	33,433
Leather, tanned, curried, and finished, ¹ .	33	38	4,684,377	11,556,869
Lumber and timber products,	10	8	248,681	330,761
Musical instruments, pianos and organs, and materials.	11	16	54,583	108,221
Paper and wood pulp,	26	47	507,076	486,856
Paper goods, not elsewhere specified, . .	11	23	249,777	372,155
Patent medicines and compounds, . . .	13	24	320,838	458,695
Rubber goods, exclusive of rubber boots and shoes.	9	12	57,746	513,243
Silverware and plated ware,	3	8	183,120	205,989
Sporting and athletic goods,	6	9	85,773	113,912
Steam fittings and steam and hot-water heating apparatus.	11	16	274,872	706,547
Suspenders, garters, and elastic woven goods,	4	8	166,455	297,444
Toys and games,	6	8	16,051	67,247
Wire and wire goods,	10	15	82,241	801,153
Woolen and worsted goods,	9	45	512,996	7,353,610
Other industries,	474	551	18,348,514	36,770,940

¹ Including Leather belting.

It will be noted that, in 1914, 1,195 establishments in Massachusetts reported a share in the export trade, the total volume of business being \$39,670,307, — equivalent to 2.4 per cent of the total product of the State in that year, — \$1,641,373,047. In 1915, 1,649 Massachusetts establishments participated in

the work, their total contribution to foreign commerce being \$111,720,716, — equivalent to 6.6 per cent of the aggregate output of manufacturing establishments in that year, (\$1,692,445,366), — at the same time registering a gain over the 1914 export figures of \$72,050,409, or 181.6 per cent. During the same period the volume of foreign trade of the United States in all commodities, including the extractive industries, — with no segregation of totals for manufactures, — rose from \$2,071,057,744 to \$3,486,015,988, an increase of only 68.3 per cent. These figures bear testimony to the versatility of Massachusetts manufacturers in adjusting themselves to the needs of the moment, and in maintaining their relative share in the commercial expansion of the Nation.

Interesting comparisons are disclosed in this table of export data. *Boots and shoes* exhibits nearly a four-fold increase, exports rising from \$5,788,822 in 1914 to \$27,272,966 in 1915, a gain of 371.1 per cent. The breaking off of peaceful relations between the European countries so interrupted activity in manufacturing establishments, that orders for footwear had to be placed with plants which had the equipment and skilled help to turn them out within the required time. Of the total exports of Boots and shoes from the United States in 1915, recorded as \$38,585,562, — Massachusetts factories produced nearly three-fourths, — in value amounting to \$27,272,966; nor does this sum take into account an additional item of \$2,335,667 for Boot and shoe cut stock and findings which were also exported within that year as against \$1,177,172 in the year preceding.

Ranking second in the list of exports, we find *Foundry and machine-shop products*. The metal working machinery and machine tools manufactured in Massachusetts have achieved in other countries an enviable reputation for high-grade workmanship, precision of measurement, and accuracy of work turned out, but intensive selling effort has not been made in the foreign markets, principally because skill in demonstrating these products is required and the individual manufacturer cannot maintain efficient agents in foreign countries, except at practically prohibitive expense. When, however, the need of machine tools, of gauges, jigs, and fixtures became urgent, Massachusetts plants had the necessary equipment and the skilled tool makers to do the work, with

the result that exports rose from \$3,162,578 in 1914 to \$12,128,140 in 1915, a gain of 283.5 per cent. It should be stated that these figures are restricted to data of which the manufacturers themselves had record. Undoubtedly a larger amount of Massachusetts goods of this kind was exported through the medium of independent selling agents. In other words, the first sale was made in this country and the products were afterwards disposed of through export houses.

Exports of *Leather, including belting*, are third in order, the volume of business rising from \$4,684,377 in 1914 to \$11,556,869 in 1915, an increase of 146.7 per cent. Exports of Leather in the United States rose from \$44,975,996 in 1914 to \$80,847,736 in 1915, an increase of 79.8 per cent.

Woolen and worsted goods exhibits an increase from \$512,996 reported by nine establishments in 1914, to \$7,353,610 reported by 45 establishments in 1915. Under normal conditions the volume of woolen goods which is exported is negligible, so that the increase in this industry during 1915 is traceable to war orders of cloth for uniforms, the sales being handled largely through commission agents in New York, upon orders secured for the most part through banking houses.

Exports of *Cotton goods*, fifth in order of importance, rose from \$2,796,582 in 1914, to \$5,635,230 in 1915. For this industry, however, it is difficult to secure full data, because it is the custom of the mills to dispose of their product directly to commission houses, so that they frequently have no accurate knowledge of the ultimate disposition of their goods. The principal market for Cotton goods, unlike that of Boots and shoes and Leather, is outside of Massachusetts. Quotations for print cloths and cotton goods are given as of New York City, which is the principal selling market. In consequence of this long established practice regarding the method and place of sale, records of goods destined for export are not kept by the local manufacturers, nor do the commission merchants or the exporters always compile their accounts in sufficient detail to identify the sales of goods with the individual mills in Massachusetts.

Hosiery and knit goods shows a pronounced increase in exports from \$155,509, as reported by eight establishments in 1914, to \$1,461,763 from 15 establishments in 1915. This advance is

accounted for through the cutting off of the supply of goods in these lines which formerly came from Germany, and through the efforts of several Massachusetts manufacturers who have launched new export enterprises.

Large increases as compared with 1914 will be noted in respect to Canning and preserving fish; Rubber goods, exclusive of rubber boots and shoes; Wire and wire goods; and other industries for which the figures cannot be subdivided without disclosing the operations of individual establishments, such as military equipment, cartridges, explosives, etc.

In addition to the value of goods exported, data were received in 1915 in regard to the country of destination of exports in so far as they could be secured from the records of manufacturers. Of the 1,649 establishments reporting, the number sending goods to Canada, 1,040, surpassed the number exporting to any other country, but the volume of exports, \$8,367,703, approximated only eight per cent of the total, — \$111,720,716. With respect to Mexico, the value of goods exported in 1915, from 101 establishments, amounted to \$313,256, — less than one per cent of the total; while exports to South America aggregated \$3,869,190, or 3.5 per cent, 297 establishments reporting. Of the other grand divisions, *Europe* purchased goods to the amount of \$76,145,566, 68 per cent of the volume of exports, — England being credited with \$34,819,693, or 31.2 per cent; followed, in order, by Italy, \$11,935,897, 10.7 per cent; Russia, \$9,928,237, 8.9 per cent; France, \$8,560,981, 7.7 per cent; and Belgium, \$2,052,186, 1.8 per cent. Exports to *Asia* amounted to \$1,190,363, one per cent; to *Oceania*, \$2,553,078, 2.3 per cent, (including \$686,319 to the Philippine Islands), and *Africa*, \$1,048,387, or approximately one per cent of the grand total. Miscellaneous exports, in total \$11,820,893, forming 10.6 per cent of the aggregate, could not be distributed according to country of destination from the records of the manufacturers.

The following tables give the destination of goods, by countries, in 1915, for All Industries and for six selected industries in which exports have been developed to a measurable extent: —

ALL INDUSTRIES.

COUNTRIES.	Number of Establish- ments Reporting	Value of Exports	Per Cent of Total
Total.	1,649	\$111,729,716	100.0
Canada,	1,040	8,367,703	7.5
Mexico,	101	313,256	0.3
Central America,	107	955,928	0.9
South America,	297	3,869,190	3.5
West Indies,	—	5,150,509	4.6
Cuba,	343	3,923,582	3.5
Other West Indies,	263	1,226,927	1.1
Hawaii,	122	305,843	0.3
Europe,	—	76,145,569	68.1
England,	625	34,819,693	31.2
Italy,	125	11,935,897	10.7
Russia,	105	9,928,237	8.9
France,	179	8,560,981	7.7
Belgium,	16	2,052,186	1.8
Spain,	83	615,681	0.6
Norway and Sweden,	50	376,315	0.3
Germany,	35	293,864	0.3
Denmark,	23	370,893	0.2
Switzerland,	14	233,586	0.2
Holland,	23	230,483	0.2
Ireland,	5	34,814	— ¹
Greece,	10	31,101	— ¹
Scotland,	11	18,898	— ¹
Austria-Hungary,	9	9,834	— ¹
Europe, not specified,	148	6,733,103	6.0
Asia,	—	1,190,363	1.0
Japan,	73	368,467	0.3
India,	68	358,894	0.3
China,	59	237,699	0.2
Other Asia,	25	225,303	0.2
Oceania,	—	2,553,078	2.3
Australia,	101	407,334	0.4
Philippine Islands,	136	686,319	0.6
Oceania, not specified,	75	1,459,425	1.3
Africa,	102	1,048,387	0.9
Countries not specified,	122	11,820,893	10.6

¹ Less than one-tenth of one per cent.

BOOTS AND SHOES.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	195	\$27,272,903	100.0
Canada,	88	1,278,438	4.7
Mexico,	14	130,492	0.5
Central America,	17	111,359	0.4
South America,	42	849,842	3.1
West Indies,	—	2,448,871	9.0
Cuba,	116	2,244,426	8.2
Other West Indies,	62	203,845	0.8
Hawaii,	23	82,373	0.3
Europe,	—	21,893,870	78.1
Italy,	25	10,315,627	37.8
Russia,	17	7,295,858	26.7
England,	50	1,309,946	4.8
Belgium,	4	1,135,633	4.2
France,	21	782,794	2.9
Denmark,	5	142,146	0.5
Norway and Sweden,	6	106,393	0.4
Switzerland,	3	15,620	0.1
Germany,	4	6,670	— ¹
Europe, not specified,	21	183,183	0.7
Oceania,	—	466,971	1.7
Australia,	15	48,326	0.2
Philippine Islands,	33	245,203	1.3
Oceania, not specified,	7	63,442	0.2
Asia,	—	38,794	0.1
India,	7	27,359	0.1
China,	9	11,435	— ¹
Africa,	23	260,931	1.0
Countries not specified,	15	321,625	1.1

¹ Less than one-tenth of one per cent.

BOOT AND SHOE CUT STOCK AND FINDINGS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	120	\$2,335,007	100.0
Canada,	75	372,755	16.0
South America,	19	125,375	5.4
West Indies,	—	13,053	0.6
Cuba,	8	10,558	0.5
Other West Indies,	5	2,495	0.1
Europe,	—	1,003,176	71.4
England,	58	1,334,620	57.1
Holland,	4	133,607	5.7
France,	10	50,455	2.2
Switzerland,	3	45,224	1.9
Italy,	3	8,394	0.4
Spain,	3	4,675	0.2
Europe, not specified,	9	91,201	3.9
Oceania,	—	43,543	2.0
Australia,	13	35,444	1.5
Philippine Islands,	4	9,823	0.4
Oceania, not specified,	4	8,275	0.1
Africa,	3	2,303	0.1
Countries not specified,	17	105,463	4.5

COTTON GOODS.

Total.	42	\$5,035,230	100.0
Canada,	27	262,167	4.6
Central America,	3	123,874	2.2
South America,	9	96,633	1.7
West Indies,	—	516,435	9.9
Cuba,	8	288,210	5.1
Other West Indies,	3	228,275	4.1
Europe,	—	733,179	13.0
France,	5	393,318	7.0
England,	12	247,304	4.4
Europe, not specified,	5	92,057	1.6
Oceania,	—	397,543	7.1
Philippine Islands,	4	21,537	0.4
Oceania, not specified,	3	376,006	6.7
Countries not specified,	17	3,506,344	62.2

FOUNDRY AND MACHINE-SHOP PRODUCTS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	295	\$12,123,140	100.0
Canada,	243	1,602,170	13.2
Mexico,	23	32,763	0.3
Central America,	15	20,027	0.1
South America,	58	361,742	3.0
West Indies,	—	205,774	1.7
Cuba,	39	152,978	1.3
Other West Indies,	23	52,796	0.4
Hawaii,	15	21,892	0.2
Europe,	—	8,929,529	73.6
England,	147	4,466,282	36.8
France,	69	2,146,962	17.7
Russia,	49	996,061	8.2
Italy,	40	425,678	3.5
Germany,	17	213,651	1.8
Spain,	25	150,513	1.3
Norway and Sweden,	10	31,303	0.3
Scotland,	3	27,355	0.2
Denmark,	6	13,836	0.1
Switzerland,	4	11,690	0.1
Belgium,	4	3,503	— ¹
Holland,	7	2,589	— ¹
Europe, not specified,	30	440,057	3.6
Oceania,	—	177,698	1.5
Australia,	24	88,359	0.7
Philippine Islands,	15	19,616	0.2
Oceania, not specified,	15	69,721	0.6
Asia,	—	151,369	1.3
Japan,	27	64,917	0.5
India,	14	43,819	0.4
China,	10	34,643	0.3
Asia, not specified,	3	7,890	0.1
Africa,	18	45,594	0.4
Countries not specified,	23	579,684	4.7

¹ Less than one-tenth of one per cent.

HOSIERY AND KNIT GOODS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	15	\$1,461,763	100.0
Canada,	11	39,825	2.7
South America,	6	211,785	14.5
West Indies,	—	186,857	12.8
Cuba,	3	67,799	4.6
Other West Indies,	7	119,058	8.2
Hawaii,	3	24,331	1.7
England,	8	833,403	57.0
Philippine Islands,	3	1,447	0.1
Countries not specified,	20	164,116	11.2

LEATHER, TANNED, CURRIED, AND FINISHED.

Total.	33	\$11,556,899	100.0
Canada,	26	479,220	4.1
Mexico,	3	11,568	0.1
Central America,	4	48,968	0.4
South America,	9	717,006	6.2
West Indies,	—	166,487	1.4
Cuba,	12	148,949	1.3
Other West Indies,	5	17,538	0.1
Europe,	—	9,533,729	82.5
England,	20	6,810,581	58.9
France,	12	1,509,823	13.1
Italy,	7	124,796	1.1
Norway and Sweden,	6	117,492	1.0
Spain,	6	109,598	0.9
Greece,	3	23,413	0.2
Europe, not specified,	12	838,026	7.3
Oceania,	—	89,576	0.8
Australia,	3	79,027	0.7
Philippine Islands,	5	10,348	0.1
Asia,	—	14,739	0.1
China,	3	9,986	0.1
Japan,	4	1,359	— ¹
Other Asia,	3	3,394	— ¹
Africa,	6	44,099	0.4
Countries not specified,	11	451,688	4.0

¹ Less than one-tenth of one per cent.

It is hoped that the export data, which will remain a permanent feature of the annual schedule, will inspire our manufacturers to cultivate foreign markets and encourage them to compile their records in such a manner as to enable them to supply practical systematic information.

THE CITIES.

The year 1915 marks the advent of two newly incorporated cities, namely, *Attleboro* and *Revere*, thereby increasing the total number in the State to 35. Besides *Boston*, which forms a class by itself with product value in 1915 of \$271,969,462, there were eight cities in the State the output of whose manufacturing establishments in that year exceeded \$50,000,000. They are in order of importance as follows:

Worcester.	Fall River.
Lawrence.	Lowell.
Lynn.	Cambridge.
New Bedford.	Brockton.

These cities maintained the same relative industrial rank in 1915 as in 1914, except that *Lowell* advanced from eighth to seventh position, changing places with *Cambridge* which was seventh in 1914. Of these municipalities, the city of *Worcester* outstripped all others, recording a product value of approximately one hundred millions of dollars, (\$99,334,217). This, the record year in the history of manufactures in this city, had its source of increase in the output of the iron and steel industries, and the product of foundries and machine shops, for which there has been unprecedented demand during the past year. The percentage of gain over 1914 was practically one-fifth (19.9 per cent). *Lawrence*, third city in industrial importance, exhibits an advance over 1914 of more than \$6,000,000 in product value, the increase occurring principally in the Woolen and worsted goods industry. A similar increase appears for *Lowell*, \$6,469,016, or 11.5 per cent, due, however, to activity in foundries and machine shops and other industries. The other important textile cities, *New Bedford*, fifth in rank, advanced from \$65,575,005 to \$69,245,342, an increase of 5.6 per cent, and *Fall River*, which, although maintaining its relative posi-

tion, sixth in 1915, exhibited decline in product value amounting to \$1,998,533 or 3.1 per cent as compared with 1914, traceable to diminished output in Cotton goods, the totals for this industry being \$45,392,734 in 1915 as against \$49,516,027 in the previous year. *Lynn* and *Brockton*, centers of shoe interest, and fourth and ninth cities, respectively, in industrial importance, exhibited opposite tendencies. In the case of *Lynn*, a loss in total product value for the city of one-half of one per cent appears, and a considerably higher rate of decline in Boots and shoes, which industry suffered a loss in product value of \$2,976,735, or 9.9 per cent as compared with 1914. *Brockton*, on the contrary, shows a gain of nearly eight per cent both in the total value of product for the city, and in the output of Boots and shoes, — specially equipped factories for large-scale production in men's shoes, and the filling of important war orders creating a situation entirely different from that of *Lynn* whose factories specialize in making shoes for women. The value of the output of the boot and shoe factories in *Brockton* was \$37,829,870 in 1915 as against \$35,032,665 in 1914. *Haverhill*, third city in importance in the State in the shoe industry, held eleventh position industrially, and exhibits an increase over 1914 not only in Boots and shoes, which registered advance from \$25,319,953 to \$26,169,453, but also for the city as a whole, the total product value advancing from \$42,409,246 to \$43,920,078, or 3.6 per cent.

The manufacturing establishments of *Boston* in 1915 were not exceptionally busy, the value of product reported from 2,427 establishments aggregating \$271,969,462 in 1915 as against a total of \$284,802,479 in 1914. Attention is called to the fact, however, that the lower product value shown in 1915, is due, not to actual decline in total volume of business, but principally to the omission from the 1915 canvass of establishments engaged in the *publishing* branch of the *Printing and publishing industry*. Making due allowance for this omission, however, some \$13,000,000 in product value, the total returns for the city would have only slightly exceeded the aggregates for 1914.

Of the 35 cities in the State in 1915, there were 25 which exhibited increase in product value as compared with the preceding year, the highest percentage of increase, 57.8 per cent,

appearing for the city of *Woburn*. *Quincy* exhibits a gain of 33 per cent, and *Worcester*, already referred to, a gain of 19.9 per cent. There were 10 cities which showed decline in product value in 1915 among which were *Salem*, 16.2 per cent, *Pittsfield*, 13.2 per cent, and *Holyoke*, 9.8 per cent. The aggregate product for all cities for 1915 was \$1,266,668,911, as against \$1,231,792,796¹ in 1914, an advance of 2.8 per cent.

The following table gives the data for 1915 with percentages of increase or decrease as compared with the preceding year.

[Arranged in order of Product Value in 1915.]

CITIES.	1914	1915	Per Cent of Increase
Totals,	\$1,231,792,796¹	\$1,266,668,911	2.8
Boston,	284,802,479	271,900,462	² 4.5
Worcester,	82,829,356	99,334,217	19.9
Lawrence,	73,177,803	79,405,521	8.5
Lynn,	69,783,418	69,465,451	² 0.5
New Bedford,	65,575,005	69,245,342	5.6
Fall River,	64,663,146	62,664,613	² 3.1
Lowell,	56,048,641	62,517,657	11.5
Cambridge,	57,483,949	58,423,407	1.6
Brockton,	51,259,131	55,222,875	7.7
Somerville,	43,971,291	44,946,442	2.2
Haverhill,	42,409,246	43,920,078	3.6
Springfield,	44,428,854	43,415,083	² 2.3
Holyoke,	44,041,155	39,709,303	² 9.8
Chicopee,	28,869,152	30,384,416	5.2
Fitchburg,	23,983,352	25,086,676	4.6
Pittsfield,	22,241,237	19,302,735	² 13.2
Taunton,	15,885,812	17,957,406	13.0
Chelsea,	16,971,028	17,380,756	2.4
Quincy,	12,097,452	16,092,183	33.0
Attleboro, ³	13,946,884	13,969,686	0.2
Everett,	13,219,200	13,958,715	5.6
Marlborough,	9,983,632	12,393,321	24.1
North Adams,	10,922,575	12,282,066	12.4
Salem,	13,652,586	11,444,093	² 16.2
Waltham,	10,236,912	10,937,073	6.8
Malden,	8,366,244	9,827,344	17.5
Beverly,	8,774,187	9,634,169	9.8
Gloucester,	8,533,964	8,901,194	4.3
Northampton,	8,580,730	8,728,939	1.7
Woburn,	5,517,806	8,706,914	57.8
Newburyport,	8,245,998	8,089,959	² 1.9
Newton,	5,822,853	5,646,200	² 3.0
Melrose,	2,499,029	3,023,393	21.0
Medford,	2,618,893	2,185,365	² 16.5
Revere, ³	349,696	495,857	41.8

¹ Includes figures for Attleboro and Revere which were towns in 1914.

² Decrease.

³ Incorporated as a city January 1, 1915.

METROPOLITAN BOSTON.

Of the total number of wage earners employed in manufacturing industries in 1915, viz.: 596,348, the 39 cities and towns comprising *Metropolitan Boston* contributed approximately 28 per cent, in actual number 166,017; while of the

industrial output of the State, namely, \$1,692,445,366, production within this district was \$583,796,410, or somewhat more than one-third. Of the latter total, establishments in the city of *Boston* produced \$271,969,462, or 46 per cent of the Metropolitan output and employed 74,415 wage-earners, or nearly 45 per cent of the labor force employed in manufacturing industries in the area. As previously explained, the product value recorded for Boston in 1915 is approximately \$13,000,000 lower than the actual census figures would be, the deficit being due principally to the omission of establishments in the *publishing* industry which cannot be completely canvassed in the non-censal years. This particular line of business is largely centered in Boston, the other cities and towns in the Metropolitan area participating only to a limited extent.

Lynn, second city in importance, in the Metropolitan District, had a product value only one-fourth as large as Boston, the aggregate in 1915 being \$69,465,451, with a labor force of 22,790 wage-earners. Next in order follow *Cambridge*, \$58,423,407, with an average of 16,827 wage-earners, and *Somerville*, \$44,946,442, with an average of 5,424 wage-earners. There were only five other municipalities whose product value in 1915 exceeded \$10,000,000, namely, *Chelsea*, *Quincy*, *Watertown*, *Everett*, and *Waltham*.

Increased product values are shown for the cities of *Woburn*, \$8,706,914 and \$5,517,806, in 1915 and 1914, respectively, a gain of approximately 58 per cent; *Watertown* advancing from \$14,764,326 to \$16,017,975, or 8.5 per cent, — exclusive of the operations of the Watertown Arsenal; and *Quincy*, increasing from \$12,097,452 to \$16,092,183, or 33 per cent. The other cities and towns in the district, including the city of *Revere*, which has not yet assumed industrial importance, show no considerable variation from the aggregates of 1914.

The principal *industries* in Metropolitan Boston include *Boots and shoes*, both leather and rubber, with product values of \$58,043,636 and \$21,435,860, respectively; *Slaughtering and meat packing*, \$38,187,279; *Foundry and machine-shop products*, \$32,225,711¹; *Electrical machinery, apparatus, and supplies*, \$28,664,153; *Clothing, men's and women's*, \$24,546,667; and

¹ Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Confectionery, \$19,550,850. The data in detail will be found on pages 30 to 35, the following table bringing together the aggregates for each year since 1909.

METROPOLITAN BOSTON.

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials used	Wages Paid	Average Number of Wage-Earners
1909, ¹	5,025	\$510,583,237	\$284,354,062	\$93,125,249	165,891
1910,	3,238	488,497,178	292,089,565	92,458,169	160,797
1911,	3,375	502,527,771	294,046,863	95,871,777	163,488
1912,	3,507	545,310,724	320,468,150	102,820,146	171,272
1913,	3,584	560,390,104	326,070,384	107,031,822	172,594
1914, ¹	5,153	584,115,582	323,455,579	107,189,932	172,375
1915,	4,139	583,796,410	331,294,109	106,241,566	166,017

¹ Census year; not strictly comparable with corresponding figures for 1910, 1911, 1912, 1913 and 1915.

THE TOWNS.

In Table I E, pages 38 to 45, data are given for 119 towns of the State. Of these, there were seven whose contribution to the output of the State in 1915 exceeded ten millions of dollars, — they are in order, Peabody, \$20,684,662; Watertown, \$16,017,975; Easthampton, \$12,906,142; Plymouth, \$12,694,973; Norwood, \$10,547,642; Framingham, \$10,542,051; and Leominster, \$10,205,698. The aggregate value of product for all the towns of the State, \$425,776,455, formed 25.2 per cent of the State total and exhibits an increase over the corresponding total for 1914 of \$1,899,624, or less than one per cent.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 46 to 49, which presents data for 19 selected industries by character of ownership, emphasizes the tendency which obtains each year towards larger concentration of business under the corporate form of management. In 1915, only 6.7 per cent of the goods manufactured in the State was produced in establishments conducted by individuals, although the *number* of such establishments, 4,339, formed a relatively large proportion of the total reporting, (44.7 per cent). The percentage of goods manufactured by corporations was 83 per

cent and they employed 83.9 per cent of all wage-earners in manufacturing industries; other forms of management in 1915 produced 10.3 per cent of the goods made and employed 9.4 per cent of the wage-earners. The corresponding percentages for value of product in 1914 were, individual, 7.2 per cent, corporations, 82.2 per cent, and "other", 10.6 per cent. These proportions do not, of course, hold for the different industries, a considerable number of boot and shoe establishments — 137, or 30.9 per cent, of the total — being still operated by individuals, but they produced only 8.4 per cent of the shoes made in 1915, and employed only 9.2 per cent of the wage-earners; in Cotton goods and in Electrical machinery, apparatus, and supplies, practically the entire output was controlled by corporations.

The last column of the table shows the value added by manufacture, that is to say, the industry product remaining after the subtraction of the cost of stock and materials used. Measuring the relative importance of the industries by this remainder, we find that *Cotton goods, including Cotton small wares*, holds first place, with value added by manufacture of \$87,503,743, followed in order by *Boots and shoes*, with added value of \$80,064,865, *Foundry and machine-shop products*, \$63,996,402, *Woolen, worsted, and felt goods*, \$53,548,086, *Electrical machinery, apparatus, and supplies*, \$24,666,476, *Paper and wood pulp*, \$18,301,975, *Leather, tanned, curried, and finished*, \$15,263,108, and *Bread and other bakery products*, \$13,185,348. For All Industries, the value added by manufacture was \$732,782,909 or 43 per cent of the gross product of the State in 1915, \$1,692,445,366.

EMPLOYMENT BY MONTHS.

Table III, pages 50 to 75, presents the average number of wage-earners, month by month, for the year 1915, together with the average for the year as a whole. The average for the year 1915 (596,348) fell below the level of 1914 (606,698) by approximately two per cent, or 10,350 wage-earners. Referring to the report for 1914, page 52, it will be noted that employment registered its lowest level in December of that year, and the succeeding averages for 1915 indicate that the unemployment situation continued to intensify during January and February of that year. The month of March showed but little

improvement, the quarterly period April to July, found employment nearly stationary, exhibiting even a backward tendency, and it was not until August, 1915, that the monthly averages of employment began to be higher than at corresponding months in 1914. The months of November and December, 1915, however, exhibited extraordinary activity, the average for December, 645,391, exceeding that of any preceding monthly record in manufactures.

In *Boots and shoes* the highest number of wage-earners for the year, 82,937, appears in December, exceeding the average for the year, 74,548, by 8,389 wage-earners, or 11.3 per cent. Employment in this industry was subject to much fluctuation, the averages ranging between 68,355, the lowest point in May, and 82,937, the highest average in December, about one-fifth of the maximum being out of employment for an indeterminate period.

Cotton goods, including Cotton small wares, exhibited a fairly even range of employment. While the general level was not high, the variations were not particularly wide, so that employment in this industry might be considered normal. The average for the year was 113,223, — January recording the lowest employment, exhibiting an average of 109,433, and December, the month of greatest employment, 116,970, the deviation from the maximum in no other instance exceeding six per cent.

Wide departures from the average are shown for *Electrical machinery, apparatus, and supplies*. December, 1915, the month of highest employment in this industry, registered 19,561 wage-earners, although this total was considerably below former averages in the industry during periods of normal activity. The lowest average appeared in January, 1915, namely, 15,342 wage-earners, apparently more than one-fifth of the maximum being out of employment. Conditions did not materially improve until the final quarter of the year, when generally higher averages prevailed.

*Foundry and machine-shop products*¹ stands out in strong contrast to the other industries of the State in 1915. Beginning in the month of January with 39,381 wage-earners, a steady increase of employment, month by month appears,

¹ In accordance with the Census grouping, includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

mounting to 46,422 in July, 48,598 in September, 51,066 in November, and reaching the highest average of the year, 53,826 in December, registering an increase of 14,445 wage-earners over the preceding January. The month of December, 1915, thereby established a record for this industry in Massachusetts.

Leather, tanned, curried, and finished reached its maximum employment level in December, namely, 11,536, and the lowest average for the year, 9,212, in May, a deviation of 2,324 wage-earners, or 20 per cent from the maximum. Marked improvement beginning with the month of July is shown, continuing uninterruptedly for the balance of the year.

Paper and wood pulp exhibited fairly normal conditions for the year, the variations, month by month, being slight and the number of wage-earners averaging 13,147. Increased demand for the product of this industry began late in the year, the month of December exhibiting maximum employment with an average of 13,787 wage-earners.

Slaughtering and meat packing reported no particular activity during the year, the highest average shown, in the month of January, registering 3,388, and the lowest average in the month of September, 3,089, a range of less than 300 wage-earners, or approximately nine per cent for the year.

In *Woolen and worsted goods* the average for the year was 52,489. The monthly averages for the first quarter were fairly normal but the numbers fell off considerably in the middle of the year, the range being from 48,257 in the month of June to 54,553 in December, a fluctuation of approximately 12 per cent. Great activity for the months of October and November appear, the averages for these months being, 55,442 and 55,838 wage-earners, respectively.

The chart on page xxxiv shows the extent of unemployment in All Industries each year since 1907, examination of which reveals the fact that for the year 1915 the percentage of unemployment — as compared with maximum employment — exceeded even that of the depression period of 1908, the highest percentage of unemployment in 1915 being 12.1 per cent as against a little over 9 per cent in 1908, — for although the number of wage-earners employed at the maximum was higher than ever before, the minimum was also *relatively* lower than in any preceding year.

UNEMPLOYMENT

IN MANUFACTURING INDUSTRIES

DEVIATION FROM THE MAXIMUM EMPLOYMENT

1907 1908 1909 1910 1911 1912 1913 1914 1915

Per
cent.

14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

WAGE EARNERS EMPLOYED DECEMBER 18, 1915.

Table IV, pages 76 to 79, gives the number of wage-earners, differentiated as to sex and age, employed on a particular day, namely, December 18, 1915. As the month of December, 1915, was exceptionally busy, we find that the aggregate registered for the State on that day, 653,618, is the highest number of wage-earners ever yet reported in manufacturing industries. Corresponding data for 1914 are not available, but by comparison with 1913, it will be noted that the increase is principally in the number of *adult males*, 432,493 in 1915 as against 399,435 in the earlier year, and there was also a smaller proportion of wage-earners under 18 years of age employed, namely, 44,825 as against 52,814 young persons employed at the corresponding date in the year 1913.

The industries employing large representations of young persons are *Cotton goods*, of whom, out of a total of 116,878 wage-earners finding employment on December 18, 9.5 per cent, or 11,047, were young persons under 18 years of age. *Boots and shoes* exhibits an aggregate on December 18 of 83,671, of whom 5,300, or 6.3 per cent were young persons; *Woolen and worsted goods*, 56,418, of whom 5,176, or 9.2 per cent were young persons; *Electrical machinery, apparatus, and supplies*, 19,828, 1,811, or 9.1 per cent of whom were young persons; *Confectionery*, 8,032, of whom 1,198, or 14.9 per cent were young persons; *Hosiery and knit goods*, 10,924, of whom 1,255, or 11.5 per cent, were young persons; and *Silk and silk goods*, 4,150, of whom 482, or 11.6 per cent, were young persons under 18 years of age.

CLASSIFIED WEEKLY WAGES.

The table relating to classified weekly wages will be found on pages 80 to 119. The data refer, generally, to the week of greatest employment, and for the year 1915 include 703,203 wage-earners in 19 wage groups, ranging from those paid rates of less than \$3 per week to those paid rates \$25 per week and over. Reducing the numbers to percentages and condensing the wage classes into three groups, for the leading industries, we have the following:

ALL INDUSTRIES.				Foundry and Machine-Shop Products. ¹			
YEARS.	PERCENTAGES			YEARS.	PERCENTAGES		
	Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)		Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (411,115), .	7.5	55.2	37.3	1914, (40,098), .	3.8	52.6	43.6
1915, (465,655), .	6.4	54.7	38.9	1915, (55,866), .	2.4	52.6	45.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (175,134), .	36.9	58.8	4.3	1914, (927), .	36.8	56.7	6.5
1915, (190,077), .	34.5	61.0	4.5	1915, (902), .	42.6	54.4	3.0
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (43,937), .	81.1	18.6	0.3	1914, (1,213), .	77.3	22.1	0.6
1915, (47,471), .	79.3	20.4	0.3	1915, (1,888), .	75.1	24.8	0.1
Boots and Shoes.				Leather, Tanned, Curried, and Finished.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (50,158), .	4.2	40.6	55.2	1914, (10,124), .	5.4	71.0	23.6
1915, (57,470), .	4.4	37.8	57.8	1915, (12,808), .	2.6	71.5	25.9
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (25,044), .	17.9	69.1	13.0	1914, (166), .	62.1	34.9	3.0
1915, (28,311), .	15.8	68.9	15.3	1915, (171), .	52.6	45.6	1.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (4,847), .	74.4	25.0	0.6	1914, (143), .	67.1	32.9	—
1915, (5,867), .	67.8	31.6	0.6	1915, (198), .	59.6	39.9	0.5
Cotton Goods, including Cotton Small Wares.				Paper and Wood Pulp.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (53,150), .	23.9	64.5	12.6	1914, (10,026), .	0.7	74.3	25.0
1915, (60,077), .	20.1	67.7	12.2	1915, (9,959), .	0.8	73.8	25.4
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (42,325), .	35.4	64.2	0.4	1914, (4,374), .	56.2	43.0	0.8
1915, (49,001), .	32.0	67.3	0.7	1915, (4,078), .	53.0	46.4	0.6
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (10,062), .	82.1	17.9	—	1914, (287), .	57.9	35.1	7.0
1915, (11,281), .	80.0	19.9	0.1	1915, (196), .	60.7	39.3	—
Electrical Machinery, Apparatus, and Supplies.				Woolen and Worsted Goods.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (12,929), .	3.4	51.6	45.0	1914, (30,442), .	14.2	67.0	18.8
1915, (15,872), .	3.1	43.4	53.5	1915, (32,774), .	10.9	68.3	20.8
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (2,638), .	36.7	62.5	0.8	1914, (20,519), .	39.1	57.2	3.7
1915, (3,023), .	33.2	65.9	0.9	1915, (22,028), .	36.5	59.4	4.1
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (1,793), .	47.0	50.6	2.4	1914, (6,399), .	84.2	15.8	—
1915, (1,896), .	52.2	44.8	3.0	1915, (6,231), .	82.8	17.0	0.2

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Taking All Industries as a whole, it is found that of the *adult males*, 6.4 per cent were paid rates less than \$8 per week, 54.7 per cent were paid rates \$8 to \$15, and 38.9 per cent were paid \$15 and over. The corresponding percentages for 1914 were 7.5 per cent, 55.2 per cent, and 37.3 per cent, respectively. A general tendency towards larger representation in the high wage group will be noted, with relatively fewer employees in the low and medium wage classes. Movement from the low into the medium wage group appears also in the case of *adult females* of whom 34.5 per cent were paid rates less than \$8 per week in 1915 as against a corresponding 36.9 per cent in the preceding year. Sixty-one per cent were paid rates ranging from \$8 to \$15, as against 58.8 per cent in 1914, and 4.5 per cent were enrolled in the classes ranging from \$15 up, as compared with 4.3 per cent in 1914. Of the *young persons*, many of whom are necessarily beginners, 79.3 per cent were paid less than \$8 per week, 20.4 per cent \$8 to \$15, and less than one per cent \$15 and over, as compared with 81.1 per cent, 18.6 per cent, and 0.3 per cent, respectively, in the corresponding classes in 1914.

The same tendencies characterizing All Industries are generally exhibited also for each of the principal industries. That is to say, there is a tendency to move from the low into the medium and the high wage groups, special advances being noted in *Foundry and machine-shop products*; and *Woolen and worsted goods*. The data in detail, the numbers being reduced to percentages for the principal industries, are given as follows:

All Industries.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
THE STATE,	703,203	141	1,760	7,858	21,501	43,567	58,551	68,198	74,299	66,723	46,494	55,903	38,597	29,559	39,384	42,825	43,725	24,882	18,227	21,009
Per cent,	100	1-	0.3	1.1	3.1	6.3	8.3	9.7	10.6	9.5	6.6	7.9	5.5	4.3	5.6	6.1	6.3	3.5	2.6	3.0
Males (18 years and over),	465,655	7	91	468	2,409	8,091	19,132	31,511	43,073	43,696	33,004	44,839	32,551	25,661	36,074	40,266	42,196	24,042	17,807	20,737
Per cent,	100	1-	1-	0.1	0.5	1.7	4.1	6.8	9.3	9.4	7.1	9.6	7.0	5.5	7.7	8.6	9.1	5.2	3.8	4.5
Females (18 years and over),	190,077	29	294	1,937	9,082	23,355	30,805	32,063	28,333	21,862	13,030	10,744	5,929	3,811	3,272	2,509	1,496	836	419	271
Per cent,	100	1-	0.3	1.0	4.8	12.3	16.3	16.9	14.9	11.5	6.9	5.7	3.1	2.0	1.7	1.3	0.8	0.4	0.2	0.1
Young persons (under 18 years of age),	47,471	105	1,375	5,453	10,010	12,121	8,614	4,624	2,893	1,165	460	320	117	87	38	50	33	4	1	1
Per cent,	100	0.3	3.9	11.5	21.1	25.5	18.1	9.7	6.1	3.5	1.0	0.7	0.3	0.3	0.1	0.1	0.1	1-	1-	1-

Boots and Shoes (Exclusive of Cut Stock and Findings):

[illegible]

Cotton Goods (Including Cotton Small Wares).

[illegible]

Electrical Machinery, Apparatus, and Supplies.

[illegible]

Less than one-tenth of one per cent.

1 Foundry and Machine-Shop Products.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Totals,	58,656	5	67	264	631	943	1,250	2,333	4,957	5,196	4,367	5,709	4,267	3,963	4,833	5,900	6,709	3,437	2,319	1,870
Per cent,	100	—	0.1	0.5	1.1	1.6	2.1	4.5	8.5	8.9	7.4	9.7	7.3	8.1	9.3	10.2	11.5	5.9	3.9	3.2
Males (18 years and over),	55,866	—	13	50	165	416	742	2,390	4,742	5,067	4,289	5,653	4,247	2,969	4,833	5,963	6,765	3,435	2,319	1,869
Per cent,	100	—	—	0.1	0.3	0.7	1.3	4.3	8.5	9.1	7.7	10.1	7.6	5.3	8.6	10.7	12.1	6.2	4.0	3.4
Females (18 years and over),	902	—	2	24	83	90	186	168	110	92	58	39	14	10	14	6	4	3	—	1
Per cent,	100	—	0.2	2.7	9.1	10.0	20.6	18.6	12.2	10.2	6.4	4.3	1.6	1.1	1.8	0.7	0.4	0.3	—	0.1
Young persons (under 18 years of age),	1,888	5	52	220	384	437	322	275	105	37	20	17	6	6	3	—	—	—	—	—
Per cent,	100	0.2	2.7	11.7	20.3	23.1	17.1	14.6	5.6	2.0	1.1	0.9	0.3	0.3	0.1	—	—	—	—	—

Leather, Tanned, Curried, and Finished.

Totals,	12,677	—	3	9	23	146	259	874	1,916	2,331	1,178	1,331	652	417	1,126	691	605	400	174	200
Per cent,	100	—	—	0.1	0.3	1.1	2.7	6.9	15.1	20.4	9.3	10.5	5.1	8.8	8.9	5.4	4.8	3.1	1.4	1.6
Males (18 years and over),	12,308	—	1	1	3	65	252	825	1,864	2,353	1,163	1,324	649	414	1,125	691	605	400	173	200
Per cent,	100	—	—	—	—	0.5	2.1	6.7	15.1	20.7	9.5	10.8	5.3	8.4	9.1	5.6	4.9	3.3	1.4	1.6
Females (18 years and over),	171	—	—	—	7	39	44	32	23	10	9	3	1	—	3	—	—	—	—	—
Per cent,	100	—	—	—	4.1	22.8	25.7	18.7	13.4	5.8	5.3	1.5	0.6	—	1.5	—	—	—	—	—
Young persons (under 18 years of age),	198	—	2	8	23	42	43	17	29	18	6	4	2	3	—	—	—	—	1	—
Per cent,	100	—	1.0	4.1	11.6	21.2	21.7	8.6	14.7	9.1	3.0	2.0	1.0	1.5	—	—	—	—	0.5	—

Paper and Wood Pulp.

[illegible]

Slaughtering and Meat Packing, including Sausage.

[illegible]

Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

*** Less than one-tenth of one per cent.**

Woolen and Worsted Goods.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Totals,	61,033	7	87	396	1,468	6,420	8,364	9,914	7,204	5,128	4,281	4,395	2,976	2,640	2,472	2,230	1,864	559	302	326
Per cent,	400	1-	0.1	0.7	9.4	10.5	13.7	16.9	11.8	8.4	7.0	7.9	4.9	4.3	4.1	3.7	3.1	0.9	0.5	0.5
Males (18 years and over),	32,774	-	2	18	98	918	2,505	5,530	4,194	2,883	2,687	2,954	2,137	1,998	2,039	1,907	1,750	538	291	325
Per cent,	100	-	1-	0.1	0.3	9.8	7.7	16.9	19.8	8.8	8.8	9.0	6.6	6.1	6.9	5.8	5.3	1.6	0.9	1.0
Females (18 years and over),	22,028	-	5	53	405	3,330	4,250	3,831	2,716	2,141	1,552	1,414	817	625	426	319	112	21	11	1
Per cent,	100	-	1-	0.8	1.9	15.1	19.3	17.4	19.3	9.7	7.1	6.4	3.7	9.8	1.9	1.5	0.5	0.1	0.1	1-
Young persons (under 18 years of age),	6,231	7	80	326	965	2,172	1,609	553	294	104	42	27	22	17	7	4	2	-	-	-
Per cent,	100	0.1	1.3	5.3	15.5	34.9	25.8	8.9	4.7	1.7	0.7	0.4	0.3	0.3	0.1	0.1	1-	-	-	-

1 Less than one-tenth of one per cent.

DAYS IN OPERATION.

The average number of days in operation is given in Table VI, pages 120 to 123. For All Industries the running time in 1915 was 286.6 days, the possible number of working days, exclusive of 52 Sundays and eight holidays being 305. Of the principal industries, *Foundry and machine-shop products* exhibits the highest running time, 293.6. In *Boots and shoes*, the average was lower than for the State as a whole, amounting to 278.7. The number of days in operation in *Cotton goods* was 282.8; in *Electrical machinery, apparatus, and supplies*, 287.9; *Leather, tanned, curried, and finished*, 284.4; *Paper and wood pulp*, 255.7; *Woolen and worsted goods*, 281.8.

Of the nine principal manufacturing cities in the State, establishments in *Boston* were operated 292.6 days; *Worcester*, 290.7; *Lawrence*, 295.7; *Lynn*, 291.4; *New Bedford*, 293.7; *Fall River*, 295.6; *Lowell*, 295; *Cambridge*, 295.2; and *Brockton*, 293.5.

LAUNDRIES.

The statistics for laundries will be found in Table VII, pages 127 to 130. The data include all laundries operated by power, whether steam or electric, the number reporting in 1915 being 376, with an aggregate value of work done for the year of \$8,675,570, only slightly in advance of the amount for 1914, when the volume was \$8,661,830. Of this total, the work done by general laundries in 1915 amounted to \$7,445,705 and by laundries whose work was exclusively wet wash, \$1,229,865. The average number of wage earners for the year exhibits a slight decline — 7,757 in 1915 and 7,771 in 1914 — while the amount paid in wages, on the contrary, shows advance from \$3,721,409 to \$3,978,761. It will be noted that the decline in the number of wage earners is accompanied by an increase in capital invested, the tendency, as in all new industries, being towards the invention of labor saving devices in machinery and plant equipment, the increase in investment being from \$2,951,025 in 1909 to \$5,037,974 in 1915, or 70.7 per cent. The development of the industry since 1909 is remarkable, the volume of business increasing in the six years from \$5,754,572 to \$8,675,570, an advance of approximately 51 per cent.

The aggregates for 1909, 1913, 1914, and 1915 appear as follows: —

LAUNDRIES.	1915	1914	1913	1909
Number of establishments,	376	391	377	280
Capital invested,	\$5,037,974	\$4,005,798	\$4,542,813	\$2,951,025
Stock used,	\$1,413,801	\$1,391,900	\$1,259,655	\$903,845
Average number of wage-earners,	7,757	7,771	8,160	5,958
Wages paid,	\$3,978,761	\$3,721,409	\$3,884,570	\$2,582,593
Value of work done,	\$8,675,570	\$8,661,830	\$8,781,826	\$5,754,572

CONCLUSION.

We are accustomed to accept progress as a normal condition in industry and to assume as a matter of course, that “each to-morrow find us farther than to-day” — and we are, therefore, hardly prepared to find, on summing up results, that in the extraordinary conditions which have confronted us during the last two years, the regular increment of progress in some of our manufacturing industries is conspicuously absent. Moreover, in 1915, the resourcefulness of every manufacturer was called into the account in order to maintain his relative ranking, and were it not for the external stimulus of war orders, and the unusual demand for our goods abroad, industry in Massachusetts would have been practically stationary, except for the new record registered for Foundry and machine-shop products, — directly traceable to the same source. The opportunity thus afforded, however, for insight into this, the only field which has hitherto escaped close attention, namely, the export market, certainly ought, now that the initial steps have been taken, to result in a development of commerce which will make goods of Massachusetts manufacture known and appreciated in every market of the world.

CHARLES F. GETTEMY,

Director, Bureau of Statistics.

STATE HOUSE, BOSTON, March 31, 1917.

TABULAR PRESENTATIONS.

1915.

[1]

A. THE STATE: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year
THE STATE.	9,797	\$1,545,000,305	\$248,342,672
Agricultural implements,	4	853,310	228,545
Artificial limbs,	6	25,121	17,237
Artificial stone products,	34	628,428	261,130
Automobiles, including bodies and parts,	75	7,535,497	2,909,947
Awnings, tents, and sails,	53	463,743	234,301
Baskets, and rattan and willow ware,	13	279,217	98,524
Belted, leather,	18	7,848,451	983,249
Belted and hose, woven,	6	1,173,515	111,708
Billiard tables and materials,	6	120,700	27,772
Blacking, stains, and dressings,	48	1,439,382	268,806
Bookbinding and blank-book making,	83	3,343,497	1,871,075
Boot and shoe cut stock and findings,	403	25,082,831	4,302,092
Boots and shoes,	444	95,701,987	45,335,272
Boots and shoes, rubber,	8	23,184,118	5,140,526
Boxes, cigar,	5	203,563	90,777
Boxes, fancy and paper,	94	4,353,529	1,354,988
Boxes, wooden packing,	96	8,808,826	1,833,514
		544.39	5,465
		928.80	48,378
		554.04	5,244
		567.13	57
		2,571	2,545
		20,672	1,404
		4,080	2,979
		92	947
		179	3,236
		7,804	4,012
		74,543	3,409
		55,969	2,792
		19,227	4,639
		53,306	3,757
		204,042,623	7,096,803
		27,414,001	8,315,232
		323,433	

Brass, bronze, and copper products, . . .	61	4,901,370	7,042,851	1,373,063	704.49	1,915	34	1,949	1,553	2,349	10,320,920
Bread and other bakery products, . . .	1,068	12,370,844	17,778,404	4,484,404	677.10	5,692	931	6,633	6,489	7,297	30,963,753
Brick and tile,	44	2,533,532	395,064	588,029	581.06	994	18	1,013	467	1,724	1,346,733
Brooms,	20	208,763	222,991	58,613	518.70	106	7	113	97	126	372,025
Brushes,	29	3,391,560	1,837,417	661,533	549.90	630	573	1,203	1,050	1,411	3,373,549
Butter,	16	138,337	537,810	27,151	733.81	37	-	37	37	40	701,918
Buttons,	12	1,109,407	314,594	280,899	427.53	253	404	657	416	828	806,638
Canning and preserving,	53	4,911,758	6,072,989	920,075	535.86	1,326	391	1,717	1,318	2,218	8,411,786
Carpets and rugs, other than rag, . . .	13	13,660,873	5,906,323	2,366,620	510.27	2,754	1,884	4,638	3,353	5,707	9,547,168
Carpets, rag,	21	61,438	30,041	55,700	501.80	99	12	111	81	135	156,929
Carriages and sleds, children's, . . .	8	1,716,494	1,229,587	680,464	602.71	1,008	121	1,129	850	1,333	2,476,256
Carriages and wagons, and materials, .	119	2,588,486	950,135	820,939	738.92	1,110	1	1,111	905	1,348	2,376,724
Cars and general shop construction and re- pairs by steam-railroad companies, . .	11	8,974,766	4,712,602	4,293,896	687.13	6,234	15	6,249	5,827	6,543	9,006,498
Chemicals,	26	9,766,863	4,263,206	1,142,365	654.28	1,638	108	1,746	1,301	2,440	8,854,892
Cleansing and polishing preparations, .	17	281,804	263,303	42,366	651.78	51	14	65	56	80	507,296
Cloth, sponging and refinishing, . . .	4	29,711	2,769	31,811	723.98	44	-	44	39	48	64,933
Clothing, men's,	196	8,103,974	8,699,044	2,948,155	573.01	2,485	2,609	5,154	4,107	6,145	16,509,266
Clothing, women's,	167	4,576,958	6,639,708	2,699,996	513.04	1,274	3,999	5,273	3,712	6,748	12,474,653
Coffee and spices, roasting and grinding, .	20	3,940,201	6,327,550	285,714	639.18	272	175	447	431	468	8,714,582
Coffins, burial cases, and undertakers' goods,	12	1,060,820	520,891	235,559	656.15	317	42	359	341	381	1,037,902
Combs and hairpins,	31	1,967,499	1,928,983	1,088,506	513.45	1,513	697	2,120	1,589	2,661	3,768,558
Confectionery and ice cream,	230	11,971,865	14,610,850	3,913,933	431.17	9,331	5,193	7,444	5,578	9,416	24,077,591
Confectionery,	131	10,924,805	13,101,851	2,887,499	412.15	1,899	5,107	7,005	5,240	8,784	21,387,729
Ice cream,	99	1,047,060	1,508,999	326,433	728.65	433	16	448	338	631	2,639,863

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	WAGE-EARNERS EMPLOYED						Value of Product	
		Average Number			Smallest Number	Greatest Number			
		Males	Females	Both Sexes					
The State — Continued.									
Copperage,	26	21,202,204	21,023,520	2449,340	522.94	792	967	276	81,722,223
Copper, tin, and sheet-iron products,	126	4,922,008	4,197,764	1,325,224	692.03	2,326	2,052	3,223	2,752,977
Cordage and twine, and jute goods,	16	19,400,421	16,790,527	2,106,209	697.12	3,129	2,025	5,998	15,428,028
Cornets,	11	2,251,244	2,249,646	1,024,576	419.41	266	2,149	1,969	4,860,494
Cotton goods,	174	261,008,264	109,014,275	51,969,021	493.01	60,022	61,369	112,321	194,726,261
Cotton small wares,	23	1,022,006	1,076,416	425,726	424.26	469	609	1,028	1,202,242
Cutlery and tools, not elsewhere specified,	149	22,118,750	4,920,220	4,227,827	647.49	6,623	668	7,912	15,047,760
Dental goods,	7	167,484	457,242	22,242	521.47	46	11	51	244,966
Dyeing and finishing textiles,	26	42,199,708	16,020,756	6,212,042	525.22	9,469	2,106	11,595	29,669,268
Dyestuffs and extracts,	15	257,207	1,222,775	100,728	794.69	149	3	152	1,876,108
Electrical machinery, apparatus, and sup- plies,	90	22,022,196	18,046,221	11,266,627	892.06	12,021	3,291	17,242	49,225,227
Electroplating,	45	222,200	121,716	162,077	692.25	224	10	244	419,731
Enameling and japanning,	32	127,112	119,226	74,875	522.69	99	44	142	261,120
Engraving and die-sinking,	29	126,207	22,200	116,229	722.14	141	8	149	261,211
Engraving, steel and copper plate, including plate printing,	17	255,717	151,761	299,296	729.22	220	129	299	620,671
Envelopes,	12	5,425,210	2,292,290	994,271	597.07	660	1,266	1,921	6,701,481
Fancy articles, not elsewhere specified,	17	222,210	422,467	222,108	699.66	272	269	771	1,099,467

Felt goods,	12	3,237,197	1,956,769	425,839	546.65	657	122	779	570	965	3,077,285
Firearms,	6	7,997,479	1,001,826	1,846,003	772.35	2,377	14	2,391	1,311	3,617	3,323,386
Flavoring extracts,	21	672,207	509,002	57,331	511.88	47	65	112	98	129	1,198,154
Flour-mill and gristmill products,	53	2,358,415	3,460,334	84,067	662.10	127	-	127	126	130	3,736,085
Food preparations,	39	1,405,786	1,881,514	255,339	609.40	323	96	419	318	614	3,747,847
Foundry and machine-shop products,	643	105,507,732	33,877,313	27,997,394	725.60	38,029	556	38,585	28,678	49,925	87,344,453
Fur goods,	13	339,541	328,814	131,657	907.96	71	74	145	73	224	676,621
Furnishing goods, men's,	12	598,499	816,645	168,325	431.60	76	314	390	294	481	1,304,880
Furniture,	119	18,847,471	5,086,744	3,597,619	587.56	5,546	577	6,123	5,189	7,124	12,027,238
Galvanising,	3	30,417	25,800	8,753	795.73	11	-	11	8	15	42,108
Gas and electric fixtures,	14	240,247	173,682	96,857	706.99	135	2	137	118	169	408,773
Gas, illuminating and heating,	50	66,853,681	5,399,574	1,768,390	753.46	2,347	-	2,347	2,029	2,712	15,648,115
Glass, cutting, staining, and ornamenting,	31	213,377	92,555	138,245	731.46	182	7	189	153	248	337,468
Glue,	9	2,655,515	1,468,490	290,155	516.29	433	129	562	393	657	2,442,582
Gold and silver, leaf and foil,	10	117,974	100,372	57,649	539.78	53	54	107	96	125	189,142
Gold and silver, reducing and refining, not from the ore,	6	133,070	187,182	15,103	839.06	18	-	18	17	18	236,439
Grease and tallow,	32	2,310,218	1,855,405	420,902	636.77	608	5	612	579	674	2,797,947
Hand stamps and stencils and brands,	22	133,062	52,177	66,768	695.50	85	11	96	87	106	238,668
Hardware,	38	3,357,325	1,012,229	820,898	635.24	1,218	90	1,306	1,062	1,624	2,810,175
Hats and caps, other than felt, straw, and wool,	28	220,596	385,528	162,028	626.44	174	82	256	204	308	759,184
Hats, fur-felt,	6	1,318,278	756,560	489,362	511.88	536	420	956	863	1,055	1,425,788
Hats, straw,	21	9,680,272	2,645,342	1,329,467	578.53	836	1,462	2,298	861	4,136	4,818,768
Hosiery and knit goods,	59	16,057,377	9,272,037	4,501,715	456.29	3,398	6,473	9,866	8,391	11,045	17,215,247

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Continued.											
House-furnishing goods, not elsewhere speci- fied,	23	\$1,073,249	\$771,051	\$314,916	\$521.38	388	216	604	457	721	\$1,374,399
Ice, manufactured,	7	361,735	81,395	38,992	847.65	46	-	46	34	57	187,255
Instruments, professional and scientific, . .	21	1,111,434	415,189	408,861	709.83	511	65	576	416	731	1,324,045
Iron and steel, steel works and rolling mills, Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	11	12,900,397	10,901,399	2,116,498	763.53	2,685	87	2,772	2,080	3,351	13,364,033
Iron and steel forgings,	8	2,400,343	1,255,135	783,989	641.79	897	323	1,220	1,063	1,287	2,655,718
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	11	2,638,651	1,607,348	785,287	914.19	832	27	859	657	1,127	3,827,698
Jewelry,	27	2,780,571	1,840,175	786,461	580.41	1,019	326	1,355	1,197	1,569	3,477,720
Jewelry and instrument cases,	159	14,218,625	6,821,543	3,260,977	629.90	3,490	1,697	5,177	4,004	6,796	13,170,895
Labels and tags,	10	504,273	182,842	144,596	425.28	110	230	340	287	381	531,482
Lamps and reflectors,	6	63,972	44,289	17,640	673.46	16	10	26	24	30	143,666
Lasts,	6	842,339	590,086	206,128	713.25	257	32	289	222	363	1,043,706
Leather goods, not elsewhere specified, . .	32	2,009,169	536,173	632,391	780.73	799	11	810	644	1,036	1,890,852
	37	549,647	552,970	174,899	456.66	191	192	383	256	544	944,968

Leather, tanned, curried, and finished,	123	41,062,619	30,120,290	5,981,472	587.28	10,061	124	10,185	7,984	12,906	45,383,398
Lime,	10	914,833	403,488	279,886	550.96	508	-	508	358	626	909,591
Linen goods,	7	3,884,326	2,087,856	600,220	421.50	651	773	1,424	810	1,734	3,764,104
Liquors, distilled,	7	1,909,989	1,337,494	91,230	852.62	107	-	107	87	135	3,372,449
Liquors, malt, ¹	27	23,358,958	4,259,988	1,973,418	970.22	2,022	12	2,034	1,910	2,150	15,548,633
Lithographing,	14	2,119,559	1,083,929	832,486	700.16	880	209	1,180	1,116	1,258	2,894,178
Looking-glass and picture frames,	22	193,017	159,748	86,990	679.61	128	-	128	116	147	385,846
Lumber and timber products,	105	3,738,492	2,120,458	506,156	519.67	966	8	974	791	1,264	3,553,836
Lumber, planing-mill products,	190	6,618,710	4,932,532	2,338,882	778.59	3,000	4	3,004	2,437	3,669	9,027,112
Marble and stone work,	100	5,066,932	1,124,209	1,746,960	718.32	2,432	-	2,432	1,671	3,412	3,950,571
Mattresses and spring beds,	51	1,183,177	1,466,302	410,426	587.18	542	157	699	597	791	2,538,118
Millinery and lace goods,	53	1,901,868	2,328,536	696,754	454.80	244	1,288	1,532	1,125	2,127	4,232,177
Mineral and soda waters,	122	1,917,936	1,146,924	316,101	682.72	453	10	463	330	675	2,663,900
Mirrors,	8	146,271	236,967	81,972	677.45	121	-	121	108	142	446,586
Models and patterns, not including paper patterns,	57	265,670	95,714	262,053	826.67	316	1	317	237	405	652,879
Monuments and tombstones,	178	1,811,417	901,964	1,010,084	822.17	1,227	-	1,227	967	1,505	3,820,750
Mucilage and paste,	17	722,553	929,688	59,040	678.62	73	14	87	77	96	1,367,035
Musical instruments and materials, not specified,	16	368,549	143,953	161,524	642.56	194	57	251	172	311	418,989
Musical instruments, pianos and organs, and materials,	47	11,584,834	3,329,423	2,343,330	649.80	3,389	218	3,607	3,202	4,107	7,565,525
Oil, not elsewhere specified,	14	1,749,997	2,411,127	183,953	659.33	270	9	279	259	305	3,166,463
Paints and varnishes,	31	3,497,620	2,985,162	342,645	674.50	477	31	508	438	585	5,116,559
Paper and wood pulp,	86	51,156,784	25,758,604	7,390,568	562.15	9,273	3,874	13,147	11,691	14,475	44,060,579

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Continued..

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Both Sexes					
						Males	Females				
The State — Continued.											
Paper goods, not elsewhere specified, . . .	49	\$9,476,151	\$5,707,181	\$2,065,882	\$552.08	2,126	1,616	3,742	3,243	4,333	\$10,804,820
Patent medicines and compounds and drug- gists' preparations,	91	5,840,988	3,845,612	717,047	539.97	635	718	1,353	1,068	1,791	8,856,338
Photographic apparatus and materials, . .	4	86,629	24,068	19,599	544.42	25	11	36	23	47	64,086
Photo-engraving,	25	445,362	173,180	408,843	927.08	403	38	441	390	501	1,016,919
Plumbers' supplies,	17	1,174,630	556,965	365,852	601.73	567	41	608	504	710	1,261,630
Pocketbooks,	10	464,571	244,013	118,901	427.70	95	183	278	206	381	558,009
Pottery,	8	357,241	43,106	96,664	607.95	140	19	159	137	178	210,980
Printing and publishing,	641	19,686,183	10,063,203	8,007,602	804.62	7,870	2,082	9,952	9,005	10,930	28,364,037
Refrigerators,	11	304,429	157,601	79,109	732.49	108	-	108	71	134	369,715
Rubber goods, not elsewhere specified, . .	36	20,106,498	16,065,839	3,511,766	691.56	4,427	651	5,078	3,809	6,548	25,805,175
Saddlery and harness,	34	589,149	799,713	209,802	810.05	239	20	259	139	446	1,206,995
Sausage, not made in slaughtering and meat- packing establishments,	48	508,720	2,132,048	197,798	689.19	284	3	287	269	309	2,654,266
Screws, machine,	16	1,199,339	375,751	233,787	574.42	365	42	407	326	513	1,015,484
Shipbuilding, wooden, including boat build- ing,	61	895,299	461,032	376,510	739.71	509	-	509	297	947	1,566,747
Shirts,	13	1,440,851	1,286,454	747,870	443.14	284	1,308	1,687	1,294	1,913	2,887,827

Shoddy, wool,	19	2,114,664	2,733,668	310,927	532.41	543	41	584	472	785	3,766,320
Show cases,	11	73,985	67,400	47,758	852.82	56	-	56	47	69	158,769
Signs and advertising novelties,	17	317,241	219,303	186,206	554.18	184	152	336	330	442	612,588
Silk and silk goods, including throwsters,	17	11,242,053	5,188,106	1,810,835	504.41	1,126	2,464	3,590	2,975	4,235	9,936,872
Silverware and plated ware,	22	7,365,833	2,133,223	1,512,580	689.73	1,908	285	2,193	1,851	2,637	5,446,615
Slaughtering and meat packing,	36	16,639,336	42,596,808	1,995,708	626.40	3,166	20	3,186	2,900	3,468	46,924,153
Soap,	32	3,306,628	2,809,808	293,167	605.72	350	134	484	400	563	5,387,440
Sporting and athletic goods,	16	2,547,950	2,192,675	929,808	655.72	1,038	380	1,418	1,186	1,566	4,013,748
Springs, steel, car and carriage,	6	79,468	31,089	31,299	869.42	36	-	36	34	41	99,153
Stationery goods, not elsewhere specified,	29	3,628,653	2,951,111	1,060,785	514.08	898	1,146	2,044	1,891	2,256	5,532,412
Statuary and art goods,	11	314,217	36,896	77,374	773.74	98	2	100	80	138	210,338
Steam fittings and steam and hot-water heating apparatus,	28	9,806,071	2,740,769	2,388,172	701.17	3,276	130	3,406	3,018	4,343	7,266,203
Steam packing,	9	292,957	137,509	44,064	688.50	64	-	64	56	74	302,817
Stereotyping and electrotyping,	16	306,763	144,664	196,318	804.58	225	19	244	216	287	468,151
Stoves and hot-air furnaces, except gas and oil stoves,	14	2,814,249	1,036,462	1,225,510	797.86	1,532	4	1,536	1,243	1,708	3,263,463
Structural ironwork, not made in steel works or rolling mills,	47	2,828,506	2,206,245	1,001,693	757.14	1,323	-	1,323	893	1,756	4,023,507
Surgical appliances,	12	816,722	943,064	142,872	607.97	158	77	285	212	275	1,394,260
Suspenders, garters, and elastic woven goods,	29	5,105,181	3,619,856	1,427,159	494.85	1,021	1,863	2,834	2,534	3,296	6,551,691
Tobacco manufactures,	248	4,467,168	3,469,120	2,848,089	777.10	2,728	967	3,665	3,220	4,172	8,404,236
Toys and games,	18	1,971,110	986,777	588,812	475.23	772	467	1,339	831	1,579	2,272,405
Trunks and valises,	20	798,732	535,174	207,049	543.44	296	83	381	256	481	1,129,399
Type founding and printing materials,	6	241,879	77,715	67,796	745.01	74	17	91	85	96	270,202

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
The State -- Concluded.											
Upholstering materials,	6	\$975,160	\$2,059,262	\$92,898	\$496.73	177	10	187	156	219	\$2,521,228
Vinegar and cider,	23	381,429	169,202	38,324	684.54	56	-	56	42	113	311,658
Waste,	8	2,055,476	3,009,371	362,308	429.27	580	264	844	709	979	3,915,326
Watch and clock materials,	6	143,534	40,242	86,512	514.95	66	102	168	155	188	184,457
Whips,	19	2,291,949	945,708	420,923	499.32	608	235	843	768	951	2,305,168
Window shades and fixtures,	18	249,446	410,878	77,164	622.29	101	23	124	104	172	616,249
Wire,	8	8,446,879	5,722,691	2,423,134	769.74	3,058	90	3,148	2,332	3,967	11,181,056
Wirework, including wire rope and cable,	32	5,014,584	2,494,544	1,135,132	589.68	1,575	350	1,925	1,675	2,193	5,043,430
Wood, turned and carved,	53	2,203,306	796,539	595,337	439.69	1,312	42	1,354	1,092	1,644	1,759,857
Wooden goods,	22	410,214	281,244	125,443	520.51	228	12	241	185	293	552,300
Wool scouring,	10	1,758,191	1,111,573	459,674	622.86	704	24	738	531	944	1,970,339
Woolen and worsted goods,	156	142,443,075	88,123,670	25,941,301	494.23	31,275	21,214	52,489	42,813	60,929	140,551,230
All other industries, ¹	260	124,731,650	74,991,781	21,071,078	665.94	24,774	6,857	31,641	23,770	39,021	120,516,183

¹ Embraces Aluminum ware, 3; Ammunition, 4; Artificial flowers, 2; Artists' materials, 2; Asbestos products, not including steam packing, 4; Babbitt metal and solder, 2; Bags, other than paper, 5; Bags, paper, 1; Baking powders and yeast, 4; Belting and hose, rubber, 3; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, re-working, 1; Candles, 1; Card cutting and designing, 2; Cars and general shop construction and repairs by street railroad companies,

2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; Chocolate and cocoa products, 5; Clocks, 5; Clothing, horse, 3; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, men's, 1; Cordials and sirups, 3; Cork cutting, 2; Crucibles, 1; Dairymen's, poultrymen's, and apiarists' supplies, 4; Drug grinding, 2; Emery and other abrasive wheels, 9; Engravers' materials, 1; Explosives, 3; Fertilizers, 4; Files, 4; Fireworks, 5; Flags and banners, 3; Foundry supplies, 1; Furs, dressed, 1; Gas machines and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 4; Glucose and starch, 3; Hair work, 1; Hammocks, 2; Hand-knit goods, 5; Hat and cap materials, 1; Hata, wool, 2; Horseshoes, not made in steel works or rolling mills, 3; Ink, printing, 1; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 2; Ivory, shell, and bone work, not including combs and hairpins, 4; Lead, bar, pipe, and sheet, 1; Lubricating greases, 3; Matches, 1; Mats and matting, 1; Minerals and earths, ground, 7; Motorcycles, bicycles, and parts, 5; Needles, pins, and hooks and eyes, 4; Nets and seines, 2; Oil-cloth, enameled, 3; Oleomargarine, 1; Optical goods, 14; Paper patterns, 1; Paving materials, 2; Peanut, grading, cleaning, and shelling, 2; Pens, fountain and stylographic, 3; Pens, gold, 2; Phonographs and graphophones, 1; Pipes, tobacco, 2; Pumps, not including steam pumps, 3; Regalia and society badges and emblems, 8; Roofing materials, 2; Sand and emery paper and cloth, 2; Saws, 9; Scales and balances, 1; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 2; Smelting and refining, not from the ore, 3; Soda-water apparatus, 6; Stoves, oil and gas, 1; Sugar, refining, not including beet sugar, 2; Sulphuric, nitric and mixed acids, 1; Theatrical scenery, 1; Typewriters and supplies, 2; Umbrellas and canes, 4; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 2; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Amount of Wages Paid during the Year	WAGE-EARNERS EMPLOYED				Greatest Number	Value of Product	
			Average Number			Smallest Number			
			Males	Females	Both Sexes				
ARIZONA.									
Electroplating,	100	\$7,542,217	\$7,542,217	2,272	1,322	3,594	4,112	\$12,202,000	
Engraving and die-making,	6	32,805	32,805	10	6	16	10	20,000	
Jewelry,	8	2,204	2,204	20	1	21	20	20,000	
Other industries,	75	4,642,206	4,642,206	1,703	900	2,603	2,120	\$2,417,001	
	40	7,071,418	7,071,418	2,044	202	2,246	1,904	\$2,441,007	
ARKANSAS.									
Boot and shoe cut stock and findings,	55	\$10,004,400	\$10,004,400	3,309	730	4,039	3,910	\$2,624,100	
Boots and shoes,	10	182,206	182,206	40	2	42	30	261,403	
Bread and other bakery products,	12	1,460,800	1,460,800	1,010	800	1,810	1,347	\$2,001,100	
Other industries,	25	3,442,337	3,442,337	2,070	127	2,197	2,006	\$2,376,500	
	25	1,145,730	1,145,730	2,070	127	2,197	2,006	\$2,376,500	
BOSTON.									
Artificial limbs,	2,427	\$201,747,123	\$201,747,123	21,204	22,211	43,415	61,100	\$71,000,000	
Automobiles, including bodies and parts,	4	13,275	13,275	21	-	21	17	24,047	
Awning, tents, and sails,	30	242,415	242,415	200	3	203	179	\$22,000	
Blacking, stains, and dressings,	19	245,025	245,025	100	65	165	110	\$22,300	
Bookbinding and blank-book making,	10	201,248	201,248	63	25	88	74	\$40,001	
	46	207,440	207,440	504	200	704	973	\$1,400,000	
Boot and shoe cut stock and findings,	31	4,004,057	4,004,057	775	165	940	720	\$2,300,000	
Boots and shoes,	14	9,122,246	9,122,246	2,007	3,012	5,019	6,140	\$2,007,000	
Broom, fancy and paper,	15	\$10,101	\$10,101	276	204	480	770	\$1,200,000	

Brass, bronze, and copper products, . .	23	238,659	301,097	122,144	777.99	157	-	157	138	181	516,307
Bread and other bakery products, . .	231	4,928,899	5,169,719	1,265,337	663.87	1,527	379	1,906	2,054	2,276	9,157,353
Canning and preserving,	21	1,039,650	1,804,751	237,895	563.71	250	173	422	344	539	2,422,303
Carriages and wagons, and materials, .	23	373,839	183,159	179,161	792.75	226	-	226	184	277	497,563
Chemicals,	6	193,672	355,846	11,259	536.14	21	-	21	13	30	476,593
Cleansing and polishing preparations, .	6	164,726	181,833	19,753	637.35	21	10	31	30	33	327,484
Cloth sponging and refinishing, . . .	4	29,711	2,700	31,811	722.98	44	-	44	39	43	64,933
Clothing, men's,	160	6,708,351	7,391,140	2,465,523	595.39	2,160	1,961	4,141	3,227	4,961	14,294,907
Clothing, women's,	113	2,737,567	4,481,067	1,924,376	569.17	1,053	2,328	3,381	2,366	4,339	8,622,003
Coffee and spice, roasting and grinding, .	16	3,527,583	5,953,811	270,817	649.23	256	167	423	408	443	8,305,673
Confectionery,	55	7,489,993	9,478,606	2,115,069	406.51	1,300	3,903	5,203	3,723	6,543	15,679,253
Copper, tin, and sheet-iron products, .	60	2,205,651	2,261,924	909,337	711.53	1,204	74	1,278	1,023	1,571	4,438,761
Cutlery and tools, not elsewhere specified, .	17	3,765,167	780,419	465,345	575.92	474	334	808	737	933	3,186,307
Dental goods,	7	107,404	457,963	29,655	581.47	40	11	51	50	52	544,966
Dye-stuffs and extracts,	9	537,251	400,146	36,585	653.30	56	-	56	51	61	595,621
Electrical machinery, apparatus, and sup- plies,	29	4,466,099	1,596,561	1,022,393	674.85	1,179	336	1,515	1,209	2,004	3,897,442
Electroplating,	20	67,261	40,382	80,379	765.51	105	-	105	93	123	191,165
Enameling and japanning,	3	26,714	8,808	14,455	688.33	21	-	21	15	23	35,974
Engraving and die-sinking,	13	48,831	22,161	51,057	810.43	56	7	63	58	70	116,005
Engraving, steel and copper plate, including plate printing,	15	345,467	146,716	264,308	734.19	224	136	360	313	431	635,971
Fancy articles, not elsewhere specified, .	6	84,317	50,332	29,562	476.81	17	45	62	40	82	141,644
Flavoring extracts,	7	421,806	353,785	27,265	545.10	23	27	50	40	63	733,229

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

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B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
BOSTON — Continued.											
Food preparations,	16	\$833,580	\$1,285,388	\$181,946	\$673.87	211	59	270	214	381	\$2,655,365
Foundry and machine-shop products,	139	18,077,657	6,388,917	5,077,156	785.82	6,411	50	6,461	4,507	8,567	16,345,732
Fur goods,	12	328,644	317,184	127,836	906.64	69	72	141	70	218	662,446
Furnishing goods, men's,	7	480,047	657,529	104,663	428.95	33	211	244	185	281	994,098
Furniture,	39	798,548	912,810	470,192	696.58	642	33	675	534	828	1,991,308
Galvanizing,	3	30,417	26,800	8,753	795.73	11	-	11	8	15	42,108
Gas and electric fixtures,	9	148,911	130,114	62,368	742.48	84	-	84	74	98	268,087
Glass, cutting, staining, and ornamenting,	17	97,033	41,510	82,298	814.83	98	3	101	86	130	177,340
Hand stamps and stencils and brands,	13	73,280	25,528	47,579	806.42	59	-	59	54	68	153,968
Hardware,	12	166,492	45,342	48,406	722.48	58	9	67	63	82	166,932
Hats and caps, other than felt, straw, and wool,	22	204,803	356,736	149,087	645.40	161	70	231	187	276	687,072
Hosiery and knit goods,	8	1,042,116	929,295	296,773	415.65	352	262	714	585	837	1,624,024
House-furnishing goods, not elsewhere spec- ified,	8	68,259	100,892	57,101	588.67	43	54	97	71	132	231,412
Instruments, professional and scientific,	11	935,511	316,296	287,514	681.85	431	64	495	342	641	992,019
Iron and steel, steel works and rolling mills,	3	60,354	40,134	39,694	610.68	65	-	65	50	79	122,062
Jewelry,	24	406,678	295,696	163,200	850.00	173	19	192	173	224	628,227
Leather goods, not elsewhere specified,	16	250,490	265,584	142,577	474.67	113	188	301	226	382	686,458
Liquors, malt,	14 ¹	14,760,242	2,232,120	1,211,729	986.75	1,216	12	1,228	1,146	1,297	8,827,108

MANUFACTURES — 1915.

[Pub. Doc.]

Lithographing,	6	208,530	110,236	93,984	745.90	107	19	126	116	135	293,276
Looking-glass and picture frames,	16	130,380	134,908	70,295	675.91	104	-	104	96	117	313,035
Lumber, planing-mill products,	43	1,408,565	1,633,477	653,162	796.54	820	-	820	644	904	2,791,904
Marble and stone work,	15	727,549	378,183	303,501	771.69	392	-	392	299	544	963,888
Mattresses and spring beds,	23	769,497	1,114,757	297,816	606.55	383	108	491	423	564	1,899,698
Millinery and lace goods,	49	1,361,569	1,690,748	473,108	434.44	139	950	1,089	775	1,428	3,016,745
Mineral and soda waters,	24	815,133	462,066	99,735	767.19	130	-	130	93	197	1,095,579
Mirrors,	7	116,203	211,167	65,521	689.69	95	-	95	91	110	385,086
Models and patterns, not including paper patterns,	18	129,972	34,045	103,858	880.15	117	1	118	70	178	232,446
Monuments and tombstones,	7	74,906	16,533	26,737	898.03	33	-	33	20	44	73,977
Musical instruments and materials, not specified,	12	304,606	122,190	141,540	680.48	159	49	208	149	250	247,276
Musical instruments, pianos and organs, and materials,	14	3,795,445	1,388,847	894,414	700.25	1,224	39	1,263	1,150	1,398	3,023,459
Oil, not elsewhere specified,	6	843,435	1,321,731	92,765	644.20	143	2	144	137	153	1,749,042
Paints and varnishes,	7	787,518	744,456	68,771	667.68	96	7	103	91	116	1,113,584
Patent medicines and compounds and druggists' preparations,	44	3,017,540	2,402,750	392,519	513.10	320	445	765	567	1,009	4,826,699
Photo-engraving,	17	336,769	138,736	313,708	980.34	305	15	320	282	366	815,949
Plumbers' supplies,	4	190,100	33,224	47,176	873.63	54	-	54	53	61	133,750
Printing and publishing,	243	11,940,967	6,716,605	4,476,179	901.91	4,197	766	4,963	4,502	5,409	17,803,101
Refrigerators,	7	185,663	121,239	67,900	754.44	90	-	90	59	108	292,384
Rubber goods, not elsewhere specified,	6	528,279	325,104	150,404	571.88	145	118	263	213	275	638,350
Saddlery and harness,	11	30,264	25,015	27,159	823.00	32	1	33	31	37	74,411
Sausage, not made in slaughtering and meat packing establishments,	12	179,618	927,395	84,879	695.73	121	1	123	110	137	1,144,086

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
	Average Number			Smallest Number	Greatest Number	
	Males	Females	Both Sexes			
\$709.53	90	8	98	75	136	\$306,939
353.03	113	-	113	64	166	239,371
349.33	33	-	33	29	40	195,443
723.71	48	-	48	45	73	646,502
543.75	116	121	237	206	371	898,343
753.09	90	2	92	74	126	196,147
705.81	1,794	121	1,915	1,902	3,738	4,018,693
706.27	30	-	30	26	38	133,073
305.48	142	-	142	131	171	394,912
709.49	379	-	379	143	435	899,771
409.37	90	743	833	746	923	2,393,436
323.51	3,029	863	3,892	2,300	3,973	5,199,187
602.38	99	19	118	83	166	338,648
561.17	23	14	46	37	69	320,937
600.94	17	-	17	11	23	44,043

Wood, turned and carved,	7	87,423	24,703	23,704	578.15	41	-	41	28	60	75,234
Other industries,	261	65,928,199	45,534,240	8,691,966	628.71	10,634	3,191	13,825	11,820	16,012	66,749,406
BROCKTON.											
Blacking, stains, and dressings,	13	30,179,111	35,563,369	10,190,998	654.73	11,465	4,100	15,565	10,667	21,077	55,822,875
Boot and shoe cut stock and findings,	44	209,163	210,606	27,100	846.88	28	4	32	30	34	439,900
Boots and shoes,	33	4,270,287	8,785,854	975,875	550.41	1,158	615	1,773	1,316	2,391	10,825,120
Boxes, fancy and paper,	4	19,573,899	23,848,757	7,776,321	670.25	8,543	3,059	11,602	7,466	16,068	27,829,870
Boxes, wooden packing,	4	160,053	84,869	61,427	435.65	38	103	141	129	159	185,545
Carriages and wagons and materials,	3	237,546	128,578	52,976	662.20	80	-	80	63	100	218,262
Confectionery and ice cream,	6	37,307	13,944	13,180	823.75	15	1	16	13	19	51,226
Cutlery and tools, not elsewhere specified,	9	178,243	187,439	44,545	380.73	45	72	117	97	162	356,975
Flour-mill and gristmill products,	3	83,378	33,511	65,388	871.84	75	-	75	67	82	166,287
Foundry and machine-shop products,	10	27,384	25,323	858	429.00	2	-	2	2	2	27,833
Lasts,	7	405,963	122,544	134,656	697.70	193	-	193	175	212	376,935
Other industries,	72	789,690	158,392	174,855	777.13	225	-	225	186	278	565,054
Automobiles, including bodies and parts,	8	4,206,388	1,963,545	863,847	659.93	1,063	246	1,309	1,123	1,570	4,179,868
Bookbinding and blank-book making,	285	46,070,379	33,184,737	10,457,664	620.39	19,004	4,893	16,897	14,084	20,039	38,433,407
Boxes, fancy and paper,	8	225,124	91,564	108,443	853.88	124	3	127	92	151	345,183
Bread and other bakery products,	6	550,814	146,148	156,553	527.11	140	157	297	268	318	402,065
Carriages and wagons,	4	385,787	215,779	218,381	465.63	114	355	469	418	522	558,674
Confectionery and ice cream,	38	1,913,244	2,517,423	621,713	667.79	737	194	931	838	990	4,360,811
Ice cream,	3	56,997	37,794	28,357	852.38	45	-	45	35	57	85,088
Confectionery and ice cream,	21	9,322,724	2,737,798	546,911	435.93	419	843	1,955	1,046	1,593	4,175,580
Confectionery,	15	2,152,550	2,429,357	473,163	408.25	317	842	1,159	969	1,398	3,635,983
Ice cream,	6	170,174	308,435	73,048	760.92	95	1	96	77	125	539,997

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Sexes		
CAMBRIDGE — Concluded.										
Foundry and machine-shop products,	20	\$5,183,220	\$1,555,726	\$1,361,267	\$685.78	1,883	102	1,985	1,643	2,406
Furniture,	12	1,408,136	864,954	527,687	848.37	587	35	622	525	713
Looking-glass and picture frames,	3	7,984	5,537	4,543	757.17	6	-	6	4	9
Lumber, planing-mill products,	6	415,945	341,170	160,453	1,035.18	155	-	155	88	261
Marble and stone work,	7	212,277	179,872	121,873	990.84	128	-	123	85	175
Monuments and tombstones,	4	10,927	10,711	6,070	867.14	7	-	7	4	13
Musical instruments, pianos and organs, and materials,	6	3,189,260	615,768	513,805	587.88	789	35	874	804	973
Patent medicines and compounds and drug- gists' preparations,	5	253,880	153,110	60,939	559.07	56	53	109	95	123
Structural ironwork,	7	733,239	411,409	195,849	777.18	252	-	252	211	296
Wood, turned and carved,	3	83,457	5,922	11,866	659.22	16	2	18	15	21
Other industries,	132	29,117,255	23,804,053	5,783,654	605.49	6,553	2,994	9,552	7,853	11,493
CHELSEA.										
Boots and shoes,	108	9,408,703	9,559,734	3,670,953	612.85	4,401	1,486	5,889	5,341	6,837
Boxes, fancy and paper,	4	1,496,372	3,429,301	1,257,448	551.75	1,446	833	2,279	2,208	2,599
Bread and other bakery products,	3	223,393	166,812	76,116	432.48	75	101	176	150	205
	16	97,683	211,953	70,670	834.41	92	1	93	88	99

Lumber, planing-mill products,	4	63,293	51,373	27,764	793.26	35	-	35	26	46	111,331
Tobacco manufactures,	8	15,243	14,998	12,242	720.12	12	5	17	16	19	44,425
Other industries,	73	7,522,714	5,673,297	2,320,093	655.26	2,741	643	3,369	2,853	3,929	10,807,149
CHICOPEE.											
All industries,	49	28,472,318	17,967,904	6,110,960	684.78	6,960	1,974	8,924	6,308	11,123	30,384,416
	49	28,472,318	17,967,904	6,110,960	684.78	6,960	1,974	8,924	6,302	11,123	30,384,416
EVERETT.											
Boots and shoes,	76	26,468,901	7,232,714	2,132,943	646.35	2,828	472	3,300	2,647	3,871	13,958,715
Bread and other bakery products,	3	370,815	779,421	309,899	571.71	305	237	542	463	610	1,281,825
Bread and other bakery products,	6	15,099	37,805	7,221	656.45	11	-	11	8	13	68,498
Foundry and machine-shop products,	8	719,843	607,953	175,772	632.27	278	-	278	203	361	993,989
Other industries,	59	25,363,144	5,807,535	1,640,086	664.27	2,234	235	2,469	1,973	2,887	11,614,413
FALL RIVER.											
Bread and other bakery products,	267	20,926,453	33,967,850	17,102,999	453.58	21,325	15,969	37,994	34,765	39,306	62,664,613
Copper, tin, and sheet-iron products,	74	241,606	599,106	173,393	675.73	260	4	264	263	268	1,008,180
Cotton goods,	7	30,347	27,665	23,373	667.80	35	-	35	32	38	70,964
Cotton small wares,	45	67,032,654	24,643,683	13,707,868	446.80	16,214	14,466	30,690	28,831	31,806	45,392,734
Foundry and machine-shop products,	6	727,063	332,017	147,230	369.92	176	222	393	332	433	598,639
	30	919,684	442,765	331,226	599.37	475	87	562	495	653	1,049,832
Lumber, planing-mill products,	4	137,875	65,244	43,317	652.93	74	-	74	61	83	133,898
Marble and stone work,	3	63,883	4,055	24,506	734.17	47	-	47	15	65	59,212
Mineral and soda waters,	4	13,713	15,556	7,150	715.00	10	-	10	10	14	31,480
Monuments and tombstones,	5	35,410	12,366	13,407	893.80	15	-	15	10	20	34,535
Printing and publishing, book and job,	12	92,015	44,281	36,925	686.64	51	7	58	55	58	127,542
Sausage, not made in slaughtering and meat- packing establishments,	3	29,110	134,704	14,663	637.52	23	1	23	23	24	178,117
Other industries,	69	21,003,118	6,946,406	2,559,241	490.07	3,946	1,182	5,128	4,639	5,739	12,979,510

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
FITCHBURG.											
Bread and other bakery products,	112	\$34,555,918	\$15,361,640	\$4,922,777	\$549.91	6,363	2,570	8,933	7,393	10,346	\$35,068,076
Confectionery and ice cream,	16	48,533	161,591	42,847	639.51	64	3	67	65	68	254,031
Cotton goods,	3	15,624	56,520	10,745	716.33	9	6	15	14	15	84,792
Foundry and machine-shop products,	6	5,833,610	3,010,153	1,246,045	434.92	1,483	1,383	2,865	2,364	3,121	4,731,832
Marble and stone work,	20	2,766,541	1,217,256	835,517	721.11	1,220	8	1,228	618	1,853	2,815,868
	5	59,650	4,747	15,482	814.84	19	-	19	7	28	27,350
Printing and publishing,	5	86,715	28,088	66,423	362.64	63	14	77	72	82	132,607
Tobacco manufactures,	5	8,225	10,246	4,272	610.29	5	2	7	6	8	19,478
Other industries,	52	15,737,020	10,773,039	2,651,446	567.28	3,519	1,155	4,674	4,247	5,171	17,019,708
GLOUCESTER.											
Canning and preserving, fish,	81	6,918,643	5,749,007	1,339,044	525.13	1,907	643	2,550	1,947	3,167	8,901,194
Clothing, men's,	15	3,639,371	3,884,555	618,215	524.80	992	186	1,178	885	1,475	5,380,459
Foundry and machine-shop products,	5	63,899	91,742	27,770	356.03	24	54	78	76	79	149,000
Shipbuilding, wooden, including boat build- ing,	4	53,444	18,228	15,239	662.57	23	-	23	21	24	46,761
Tobacco manufactures,	10	122,021	30,021	23,177	702.33	33	-	33	24	50	86,577
Other industries,	7	3,510	9,957	5,324	532.40	10	-	10	8	10	24,833
	40	3,036,398	1,714,474	649,319	528.76	825	403	1,228	933	1,529	3,212,904
HAVERHILL.											
Boot and shoe cut stock and findings,	364	20,496,686	28,039,967	8,698,364	645.96	8,839	4,531	13,368	9,919	17,171	42,990,078
Boots and shoes,	135	5,138,760	8,992,440	914,081	549.33	1,220	444	1,664	1,240	2,233	11,450,957
	119	9,651,712	15,103,783	6,550,145	670.02	6,173	3,603	9,776	7,150	12,566	26,169,453

Boxes, fancy and paper,	6	142,040	187,940	96,373	507.23	74	116	190	164	214	353,865
Bread and other bakery products,	18	69,822	154,978	40,079	742.20	50	4	54	50	62	262,468
Cutlery and tools, not elsewhere specified,	4	13,881	5,385	15,800	929.41	17	-	17	17	19	32,023
Foundry and machine-shop products,	5	152,607	59,231	59,812	920.18	65	-	65	52	84	156,257
Models and patterns, not including paper patterns,	6	25,883	10,712	32,211	715.80	45	-	45	35	55	82,823
Tobacco manufactures,	4	6,659	3,699	2,609	533.80	5	-	5	5	7	10,108
Other industries,	67	5,294,221	3,511,794	887,694	577.55	1,183	354	1,537	1,206	1,931	5,402,095
HOLYOKE.											
Bread and other bakery products,	170	49,391,575	81,155,057	8,350,885	632.71	9,006	6,488	16,488	13,474	17,539	39,709,303
Flour-mill and grist-mill products,	29	312,006	345,824	77,772	777.72	95	5	100	95	106	595,658
Foundry and machine-shop products,	3	47,300	111,770	1,196	598.00	2	-	2	2	2	118,898
Lumber, planing-mill products,	16	3,381,000	832,247	647,068	711.85	892	17	909	783	1,123	2,193,516
Mineral and soda waters,	4	331,771	362,373	127,549	797.18	160	-	160	137	181	564,008
Paper and wood pulp,	3	15,800	7,402	2,761	552.20	5	-	5	3	9	25,200
Paper goods, not elsewhere specified,	21	13,733,509	7,118,953	2,187,704	534.38	2,624	1,470	4,094	3,796	4,672	12,038,490
Printing and publishing, book and job,	5	1,243,919	1,126,027	256,004	558.96	338	120	458	459	490	1,933,184
Stationery goods, not elsewhere specified,	8	86,744	38,525	38,220	616.45	44	18	62	56	70	121,236
Tobacco manufactures,	8	1,466,003	942,471	337,257	498.90	355	321	676	612	750	1,914,389
Other industries,	19	42,102	27,224	31,856	624.63	33	13	51	48	56	85,124
LAWRENCE.											
Bread and other bakery products,	63	28,731,161	10,247,131	4,543,238	506.44	4,453	4,518	8,971	7,553	10,080	20,099,600
Brooms,	184	105,136,603	46,698,784	14,739,141	433.79	18,688	11,778	30,466	24,876	35,171	79,405,591
Cotton goods,	47	298,416	477,006	93,138	655.90	142	-	142	132	147	791,499
Foundry and machine-shop products,	3	12,667	13,092	6,386	580.55	11	-	11	11	13	27,449
Sausage, not made in slaughtering and meat-packing establishments,	5	9,794,875	3,075,588	1,797,036	423.53	2,194	2,049	4,243	3,666	4,498	6,034,013
Seaweed,	20	1,404,299	544,845	412,755	647.97	509	63	637	350	821	1,244,688
Other industries,	6	40,719	152,767	10,663	628.35	17	-	17	16	18	180,530

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT -- 1915 -- Continued.

B. THE 35 CITIES: BY INDUSTRIES -- Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Both Sexes					
						Males	Females				
Lawrence — Concluded.											
Tobacco manufactures,	4	\$4,360	\$7,442	\$6,619	\$601.73	10	1	11	10	12	\$19,136
Woolen and worsted goods,	13	69,106,722	35,972,706	9,560,048	474.80	11,283	8,852	20,125	15,852	23,654	59,000,208
Other industries,	86	24,474,546	6,455,338	2,852,477	541.27	4,462	808	5,270	4,639	6,008	12,107,998
Lowell.	249	62,749,537	34,936,466	16,804,419	608.13	17,955	13,971	31,926	26,660	37,725	62,517,357
Boots and shoes,	9	1,285,513	2,376,662	750,383	535.61	904	497	1,401	1,055	1,840	3,615,002
Boxes, fancy and paper,	3	212,027	168,754	77,169	462.09	60	107	167	140	194	283,275
Boxes, wooden packing,	7	361,764	428,124	112,136	516.60	219	-	219	186	253	622,276
Bread and other bakery products,	42	153,774	479,645	120,406	668.92	170	10	180	177	187	885,171
Confectionery and ice cream,	9	89,641	84,741	16,900	603.00	22	3	25	20	33	144,451
Confectionery,	5	6,800	36,473	6,389	491.46	10	3	13	11	16	60,097
Ice cream,	4	92,841	48,263	8,811	724.25	12	-	12	9	16	84,354
Copper, tin, and sheet-iron products,	6	33,949	29,463	21,294	686.90	31	-	31	23	46	67,526
Cotton goods,	8	26,964,625	13,759,226	5,969,402	449.48	6,821	5,894	12,715	11,708	13,427	24,208,563
Foundry and machine-shop products,	25	4,413,964	1,336,715	1,229,015	624.50	1,962	16	1,963	1,637	2,434	3,136,842
Lumber, planing-mill products,	7	190,145	119,216	74,405	791.54	94	-	94	68	113	250,552
Mattresses and spring beds,	3	16,600	26,253	11,068	527.05	18	3	21	15	21	46,337
Mineral and soda waters,	4	31,144	12,203	8,091	608.54	12	1	13	12	19	35,854
Monuments and tombstones,	6	20,356	12,238	12,215	314.33	15	-	16	12	21	39,237

MANUFACTURES -- 1915.

[Pub. Doc.]

Patent medicines and compounds and druggists' preparations,	7	1,131,305	300,269	83,110	516.43	96	61	150	115	277	789,817
Printing and publishing,	15	419,464	243,009	203,140	342.90	193	43	241	200	303	611,539
Tobacco manufactures,	9	23,005	26,735	13,333	634.86	31	-	21	20	33	55,789
Wood, turned and carved,	4	351,452	186,775	123,376	238.86	343	-	343	285	404	363,871
Woolen and worsted goods,	11	4,005,797	2,531,335	834,202	491.00	830	819	1,009	1,157	2,000	3,907,039
Other industries,	74	22,936,972	12,759,553	6,135,875	515.01	6,097	5,817	11,914	8,327	16,042	23,353,826
LYNN.											
Blackings, stains, and dressings,	408	35,322,516	33,085,490	14,831,340	653.00	16,006	6,734	22,790	18,009	27,316	69,465,451
Boot and shoe cut stock and findings,	11	215,082	369,468	61,339	908.21	63	-	63	56	75	634,894
Boots and shoes,	90	5,329,781	11,675,513	733,946	560.55	984	361	1,345	1,020	1,803	14,156,763
Boxes and shoes,	101	12,408,957	14,968,757	7,224,913	663.44	6,372	4,518	10,890	7,842	13,432	27,090,080
Boxes, fancy and paper,	7	437,338	346,773	176,054	525.53	162	173	335	302	384	710,061
Bread and other bakery products,	24	202,179	459,577	123,905	727.25	157	12	160	165	173	852,320
Carriages and wagons, and materials,	6	43,452	11,352	21,104	727.72	29	-	29	17	40	51,767
Confectionery and ice cream,	5	81,645	76,033	24,690	649.74	31	7	33	28	53	124,968
Foundry and machine-shop products,	24	1,040,145	190,308	219,925	753.17	287	5	292	219	399	653,770
Lasts,	7	297,335	95,217	140,661	931.53	151	-	151	115	202	384,988
Leather, tanned, curried, and finished,	9	1,603,287	1,761,792	278,729	557.46	500	-	500	374	610	2,992,725
Lumber, planing-mill products,	5	98,424	125,653	56,376	704.70	80	-	80	67	92	246,996
Mineral and soda waters,	4	47,481	23,833	10,904	726.93	15	-	15	10	25	61,628
Models and patterns, not including paper patterns,	13	133,195	41,616	66,816	726.26	84	8	92	65	140	193,363
Monuments and tombstones,	4	29,839	10,331	14,061	873.81	16	-	16	12	25	45,593
Tobacco manufactures,	3	7,121	13,445	10,321	638.81	13	3	16	11	20	30,175
Other industries,	79	13,407,055	7,395,602	5,698,646	650.53	7,063	1,097	8,760	7,706	10,153	21,225,360

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
MALDEN.	76	\$10,855,707	\$4,260,945	\$1,737,287	\$229.18	1,744	1,539	3,283	2,724	3,883	\$9,837,344
All industries,	75	10,855,707	4,260,945	1,737,287	529.18	1,744	1,539	3,283	2,724	3,883	9,837,344
MARLBOROUGH.	35	3,214,451	7,993,216	2,263,441	573.60	2,725	1,221	3,946	3,025	5,055	12,393,321
All industries,	35	3,214,451	7,993,216	2,263,441	573.60	2,725	1,221	3,946	3,025	5,055	12,393,321
MEDFORD.	38	2,297,719	1,187,039	424,670	642.47	572	89	661	486	810	2,186,365
All industries,	38	2,297,719	1,187,039	424,670	642.47	572	89	661	486	810	2,186,365
MELROSE.	21	4,462,467	1,637,021	596,906	503.29	577	609	1,186	909	1,383	3,023,393
All industries,	21	4,462,467	1,637,021	596,906	503.29	577	609	1,186	909	1,383	3,023,393
NEW BEDFORD.	901	90,745,069	57,912,646	17,634,676	513.35	90,706	13,646	34,359	30,708	37,686	69,245,349
Bread and other bakery products,	49	473,030	697,491	202,865	596.66	283	57	340	328	356	1,373,256
Confectionery and ice cream,	6	34,027	59,290	10,770	673.13	16	-	16	13	25	100,920
Cotton goods,	20	80,575,251	29,290,912	14,671,143	495.28	16,720	12,902	29,622	26,583	32,059	54,146,716
Foundry and machine-shop products,	17	243,626	212,777	190,406	643.26	275	21	296	253	350	504,038
Lumber, planing-mill products,	6	87,345	130,241	47,891	684.16	70	-	70	57	82	210,528
Mineral and soda waters,	5	107,427	41,812	23,365	599.69	24	5	39	28	54	98,378
Monuments and tombstones,	4	14,930	8,881	12,867	857.80	15	-	15	11	19	28,191

Printing and publishing,	15	296,385	114,622	167,342	763.79	197	25	222	206	238	498,535
Sausage, not made in slaughtering and meat-											
packing establishments,	5	41,380	281,547	18,285	653.04	28	-	28	26	29	330,243
Other industries,	64	8,471,635	6,375,073	2,289,721	618.18	3,068	636	3,704	3,208	4,478	11,954,537
NEWBURYPORT.											
Boot and shoe cut stock and findings, .	52	6,779,975	4,586,378	1,769,611	509.83	2,285	1,186	3,471	2,854	4,178	8,089,959
Boots and shoes,	5	169,640	221,509	61,539	433.30	80	62	142	94	184	378,113
Boxes, fancy and paper,	12	2,144,027	2,228,911	992,390	510.70	1,163	780	1,943	1,624	2,349	3,763,112
Bread and other bakery products,	3	32,115	28,287	17,376	431.90	12	27	40	37	46	53,117
Bread and other bakery products,	10	161,401	165,624	42,886	492.94	49	38	87	69	114	362,461
Other industries,	22	4,272,792	1,947,041	665,630	520.75	980	279	1,259	1,030	1,485	3,533,156
NEWTON.											
Bread and other bakery products,	45	5,833,017	2,798,416	1,167,131	534.69	1,498	579	2,071	1,717	2,449	6,646,200
Lumber, planing-mill products,	8	42,107	54,300	11,686	779.20	15	-	15	14	16	96,826
Other industries,	4	244,366	160,136	79,437	872.98	91	-	91	74	112	311,761
	33	5,536,544	2,583,989	1,016,006	517.05	1,386	579	1,965	1,629	2,320	5,237,613
NORTH ADAMS.											
Bread and other bakery products,	60	13,351,807	7,280,661	2,760,335	541.97	3,571	1,532	6,093	4,367	5,784	12,232,066
Foundry and machine-shop products, . . .	9	236,363	350,523	69,733	494.56	92	49	141	138	145	607,584
Tobacco manufactures,	5	357,167	102,678	119,666	734.15	163	-	163	107	184	339,289
Other industries,	8	23,810	32,777	26,371	573.28	42	4	46	42	53	81,027
	38	12,734,467	6,794,683	2,544,465	536.47	3,274	1,469	4,743	4,080	5,402	11,254,166
NORTHAMPTON.											
Bread and other bakery products,	61	10,511,968	4,206,919	1,854,073	544.04	2,817	1,091	3,408	2,832	3,927	8,728,939
Cutlery and tools, not elsewhere specified, .	8	66,987	126,175	29,106	661.43	44	-	44	41	45	213,967
Tobacco manufactures,	4	537,362	155,100	248,914	596.92	402	15	417	299	476	510,382
Other industries,	5	17,232	12,382	9,597	639.80	14	1	15	15	16	31,774
	44	9,800,387	3,913,262	1,566,459	534.26	1,857	1,075	2,932	2,477	3,390	7,972,816

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Greatest Number		
						Males	Females	Both Sexes			
PITTSFIELD.	63	814,954,146	28,568,499	24,746,191	3652.49	5,345	1,999	7,374	6,347	8,348	819,308,735
Bread and other bakery products, . . .	14	79,268	158,283	43,167	784.85	55	-	55	53	56	259,463
Woolen and worsted goods, . . .	5	2,804,562	2,823,007	1,053,904	540.74	1,394	555	1,949	1,480	2,259	4,814,467
Other industries, . . .	44	12,070,316	5,586,539	3,649,120	692.43	3,896	1,374	5,270	4,814	5,933	14,228,806
QUINCY.	157	19,868,145	7,871,804	5,938,977	308.43	6,088	335	6,478	5,496	7,148	16,092,183
Cutlery and tools, not elsewhere specified, . .	4	48,522	22,805	14,021	701.05	20	-	20	18	23	51,990
Foundry and machine-shop products, . . .	9	2,760,862	273,852	372,519	820.53	454	-	454	361	552	1,087,651
Marble and stone work, . . .	18	1,096,302	168,908	278,923	898.81	347	-	347	292	396	674,062
Monuments and tombstones, . . .	96	1,259,886	681,358	779,889	816.63	955	-	955	759	1,187	2,188,362
Other industries, . . .	30	14,702,573	6,724,836	3,787,645	806.40	4,312	335	4,697	4,066	5,043	12,190,118
REVERE.	13	863,541	384,007	51,761	761.19	64	4	68	50	131	495,857
All industries, . . .	13	863,541	384,007	51,761	761.19	64	4	68	50	131	495,857
SALEM.	198	10,610,310	7,041,435	3,388,967	543.39	3,970	1,316	4,286	3,165	5,560	11,444,093
Boot and shoe cut stock and findings, . . .	23	325,427	308,797	148,177	335.88	211	173	384	294	497	655,178
Boots and shoes, . . .	10	2,057,714	2,611,794	992,149	539.81	1,133	772	1,905	1,509	2,326	4,397,858
Bread and other bakery products, . . .	12	80,927	167,012	47,040	746.67	68	-	68	60	70	292,405
Foundry and machine-shop products, . . .	16	371,219	157,268	140,838	778.11	180	1	181	155	202	413,825
Leather, tanned, curried, and finished, . .	21	1,201,708	1,571,245	475,636	612.14	769	8	777	512	1,080	2,457,123
Other industries, . . .	47	6,573,315	2,140,369	525,147	538.06	614	362	976	634	1,385	3,327,704

SOMERVILLE.											
Bread and other bakery products,	190	90,039,478	88,083,401	8,452,947	636.61	6,148	976	6,424	4,891	6,086	44,946,443
Confectionery and ice cream,	23	197,383	401,106	97,802	698.59	121	19	140	137	144	669,223
Foundry and machine-shop products,	6	94,878	165,872	40,350	630.77	48	17	65	41	96	278,306
Other industries,	8	140,992	96,817	58,053	753.94	77	-	77	65	93	217,950
	83	19,606,215	37,369,606	3,256,742	633.36	4,902	240	5,142	4,578	5,753	43,780,963
SPRINGFIELD.											
Automobiles, including bodies and parts,	297	44,196,822	21,920,577	9,729,126	670.57	10,867	8,646	14,518	11,472	17,765	43,415,083
Brass, bronze, and copper products,	7	1,795,105	604,312	456,818	823.10	549	6	555	251	855	1,325,841
Bread and other bakery products,	5	636,382	546,590	160,724	601.96	245	22	267	223	334	968,272
Carriages and wagons,	32	663,533	743,607	214,008	756.21	250	33	283	264	307	1,341,455
Copper, tin, and sheet-iron products,	6	175,526	48,156	40,410	824.69	49	-	49	27	71	119,807
	6	136,078	60,870	65,089	784.29	83	-	83	63	104	174,702
Cutlery and tools, not elsewhere specified,	3	804,037	274,986	277,669	857.00	324	-	324	294	361	707,107
Fancy articles, not elsewhere specified,	3	72,893	54,812	28,963	467.15	14	48	62	26	95	105,639
Foundry and machine-shop products,	38	6,024,618	1,932,622	1,560,385	781.18	1,941	68	2,009	1,448	2,577	5,122,494
Lumber, planing-mill products,	3	220,620	196,677	75,327	809.97	93	-	93	80	104	312,100
Mattresses and spring beds,	5	201,978	111,458	39,324	537.32	58	15	73	57	84	211,795
Mineral and soda waters,	5	33,195	28,885	13,645	738.06	17	1	18	14	26	87,959
Paper goods, not elsewhere specified,	8	1,457,225	884,886	258,418	547.50	248	224	472	399	571	1,587,773
Photo-engraving,	4	32,593	7,821	42,608	1,065.20	40	-	40	33	46	81,600
Tobacco manufactures,	21	400,023	365,032	357,385	703.51	295	213	508	440	571	981,424
Other industries,	151	31,472,006	15,999,863	6,129,453	633.40	6,661	3,016	9,677	7,743	11,599	30,337,155
	108	18,081,999	9,779,204	3,969,597	556.44	5,164	1,916	7,080	6,308	7,995	17,957,408
TAUNTON.											
Bread and other bakery products,	10	68,504	172,064	42,877	752.23	57	-	57	54	58	278,263
Brick and tile,	4	449,127	80,879	120,622	566.30	213	-	213	150	270	282,264
Cotton goods,	12	6,425,270	2,937,653	1,245,481	439.68	1,544	1,289	2,833	2,593	3,013	5,268,691

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
TAUNTON — Concluded.											
Foundry and machine-shop products,	8	\$3,182,484	\$736,811	\$458,380	\$662.40	687	5	692	465	990	\$1,579,378
Stoves and hot-air furnaces, not including gas and oil stoves,	6	1,331,332	622,498	690,570	811.48	849	2	851	816	894	1,825,554
Tobacco manufactures,	6	16,475	17,331	10,870	608.89	13	5	18	16	20	42,327
Other industries,	56	6,548,794	5,205,648	1,370,797	567.38	1,801	615	2,416	2,108	2,750	8,680,930
WALTHAM.											
Bread and other bakery products,	75	\$3,524,723	3,877,106	4,018,331	668.16	4,300	1,714	6,014	3,596	7,337	10,937,073
Confectionery and ice cream,	6	63,283	185,507	45,878	849.59	54	-	54	54	55	327,948
Cutlery and tools, not elsewhere specified,	4	34,000	36,254	5,560	695.00	6	2	8	8	8	61,373
Foundry and machine-shop products,	4	138,648	47,376	54,251	382.05	140	2	142	110	172	144,186
Watch and clock materials,	11	719,354	197,931	307,877	706.14	431	5	436	324	540	730,176
Other industries,	5	113,794	35,219	60,963	592.65	61	57	118	110	123	151,066
	45	22,455,704	3,374,819	3,534,832	672.53	3,008	1,648	5,256	2,900	6,429	9,522,324
WOBURN.											
Boot and shoe cut stock and findings,	49	10,562,871	5,995,504	1,905,168	608.98	1,891	88	1,979	1,453	2,517	8,706,914
Bread and other bakery products,	3	91,236	39,609	24,283	449.69	30	24	54	40	83	88,345
Cutlery and tools, not elsewhere specified,	4	4,755	24,827	6,673	741.44	9	-	9	9	9	41,575
Foundry and machine-shop products,	3	45,748	6,433	10,947	643.94	16	1	17	12	24	31,207
	4	274,005	115,909	83,300	824.75	101	-	101	95	106	268,140

Leather, tanned, curried, and finished,	18	7,757,290	4,270,261	784,551	615.82	1,263	11	1,274	941	1,638	6,169,319
Other industries,	17	2,389,237	838,355	295,414	563.77	472	52	534	356	657	2,118,328
Worcester.											
Boots and shoes,	508	86,040,967	55,777,057	19,837,945	644.68	83,990	6,839	80,739	53,632	38,332	99,334,917
Brass, bronze, and copper products,	10	1,351,267	1,582,061	529,685	565.90	501	435	996	650	1,215	2,657,950
Bread and other bakery products,	3	35,858	47,497	10,285	935.00	11	-	11	9	14	68,061
Bread and other bakery products,	52	444,233	969,488	219,250	648.67	270	68	328	318	363	1,542,783
Clothing, men's,	16	393,739	437,787	159,544	470.63	131	208	339	306	399	757,080
Clothing, women's,	15	573,411	795,356	265,550	405.42	97	558	655	440	833	1,358,603
Confectionery and ice cream,	11	45,857	112,047	19,464	695.14	25	3	28	24	32	197,141
Copper, tin, and sheet-iron products,	14	1,235,036	964,992	405,029	692.36	572	13	535	388	751	2,130,113
Cutlery and tools, not elsewhere specified,	12	874,214	280,395	325,766	733.71	386	58	444	371	534	919,058
Electroplating,	5	32,257	14,189	27,342	536.12	51	-	51	36	68	63,689
Foundry and machine-shop products,	79	17,270,733	6,750,417	5,112,133	706.88	7,194	38	7,322	4,779	9,398	16,628,966
Mineral and soda waters,	7	63,943	72,750	27,056	795.76	33	1	34	18	54	120,815
Models and patterns, not including paper patterns,	4	26,280	21,753	41,063	838.02	49	-	49	34	66	84,681
Sausage, not made in slaughtering and meat- packing establishments,	5	83,714	260,400	21,166	755.93	23	-	23	26	29	344,196
Tobacco manufactures,	16	46,507	55,501	35,619	593.65	46	14	60	43	91	116,304
Wirework, including wire rope and cable,	9	2,122,788	1,339,442	549,195	531.14	802	232	1,034	922	1,194	2,646,971
Woolen and worsted goods,	12	2,366,188	2,488,834	689,228	489.86	693	714	1,407	1,145	1,697	3,967,362
Other industries,	238	59,074,942	39,614,148	11,390,560	649.85	13,031	4,497	17,528	13,721	21,724	65,730,474
TOTAL FOR THE 35 CITIES,	7,966	31,159,909,986	3713,373,671	5257,673,579	3557.78	998,840	139,555	433,395	359,638	519,689	31,896,663,911

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Greatest Number		
						Both Sexes					
						Males	Females	Smallest Number			
METROPOLITAN BOSTON.	4,120	\$454,925,641	\$331,394,169	\$106,241,566	\$649.55	119,943	46,974	166,917	126,391	196,169	\$683,796,416
Artificial stone products,	15	266,615	101,036	162,546	736.50	231	-	231	177	309	350,123
Automobiles, including bodies and parts, .	35	3,211,143	2,422,967	1,350,326	808.29	1,674	7	1,681	1,086	2,235	4,959,705
Awnings, tents, and sails,	25	205,148	304,439	136,007	603.14	128	78	206	132	333	594,981
Baskets, and rattan and willow ware, . .	8	61,411	27,305	29,374	534.07	43	12	55	49	60	71,371
Belting, leather,	5	616,902	641,035	45,969	792.57	57	1	53	56	64	885,052
Billiard tables and materials,	5	110,700	80,677	26,272	831.00	32	-	22	31	34	155,686
Blacking, stains, and dressings,	27	1,161,353	1,493,023	228,062	568.66	211	190	401	332	490	2,709,037
Bookbinding and blank-book making, . .	55	1,365,939	533,248	795,676	562.32	654	761	1,415	1,259	1,633	1,833,233
Boot and shoe cut stock and findings, . .	145	12,038,946	26,659,639	1,582,686	577.83	2,048	691	2,739	2,097	3,556	31,895,414
Boots and shoes,	140	28,847,371	32,239,409	14,612,308	598.51	14,584	10,096	24,620	19,933	28,832	58,043,636
Roots and shoes, rubber,	5	19,637,229	8,909,493	4,247,385	546.85	4,444	3,514	7,958	7,110	8,850	21,435,860
Boxes, fancy and paper,	43	1,900,181	1,572,337	966,445	461.00	734	1,363	2,096	1,865	2,391	3,469,433
Boxes, wooden packing,	10	1,343,506	937,247	347,442	623.77	490	67	557	502	666	1,639,107
Bread and other bakery products, . . .	424	7,732,449	9,609,522	2,408,421	676.52	2,923	637	3,560	3,560	4,036	16,945,367
Brick and tile,	10	1,101,697	128,999	183,666	604.16	236	18	304	133	473	412,049
Canning and preserving,	28	1,135,601	1,966,437	266,574	574.51	236	178	464	374	609	2,662,118
Carriages and wagons, and materials, . .	45	780,557	372,064	308,708	778.72	512	-	512	414	637	996,409

MANUFACTURES — 1915.

[Pub. Doc.]

Chemicals,	16	5,006,985	2,527,495	670,190	661.59	1,003	10	1,013	737	1,251	5,612,741
Clothing, men's,	165	7,146,124	7,745,673	2,616,852	539.65	2,257	2,181	4,438	3,488	5,305	14,878,339
Clothing, women's,	129	3,390,707	5,006,913	2,146,235	547.51	1,102	2,818	3,920	2,761	5,025	9,668,328
Coffee and spice, roasting and grinding,	17	3,608,631	6,257,635	278,617	643.46	266	167	433	418	453	8,632,038
Confectionery and ice cream,	119	10,537,665	12,876,329	2,828,324	421.83	1,916	4,789	6,705	4,965	8,439	21,069,574
Confectionery,	84	9,766,253	12,043,512	2,624,204	407.74	1,650	4,786	6,436	4,765	8,058	19,530,850
Ice cream,	25	571,412	832,717	204,130	759.03	266	3	269	200	381	1,508,524
Cooperage,	4	457,134	509,765	169,491	611.83	277	-	277	263	289	740,243
Copper, tin, and sheet-iron products,	74	3,113,966	2,811,537	1,173,423	700.13	1,598	83	1,676	1,360	2,025	5,662,507
Cutlery and tools, not elsewhere specified,	40	4,174,726	960,583	601,651	565.99	726	337	1,063	947	1,294	3,642,417
Dental goods,	7	107,404	457,862	29,655	531.47	40	11	51	50	52	544,966
Dyeing and finishing textiles,	15	2,170,359	905,378	534,884	499.42	877	194	1,071	848	1,321	1,908,533
Dyestuffs and extracts,	12	719,164	565,905	54,350	715.13	76	-	76	69	88	867,429
Electrical machinery, apparatus, and sup- plies,	53	20,574,458	11,730,964	7,705,153	651.01	9,745	2,229	11,974	10,178	14,475	28,664,153
Electroplating,	23	70,374	41,409	83,117	762.54	109	-	109	96	127	199,160
Enameling and japanning,	3	26,714	8,808	14,455	686.33	21	-	21	15	23	35,974
Engraving and dieinking,	14	50,581	24,184	52,461	783.00	60	7	67	60	74	122,745
Engraving, steel and copper plate, including plate printing,	16	348,217	147,716	266,108	733.08	237	136	363	315	424	639,671
Fancy articles, not elsewhere specified,	12	425,593	232,589	173,057	462.72	241	133	374	282	457	568,398
Felt goods,	6	1,354,332	687,451	200,650	545.24	273	95	368	294	470	1,174,027
Flavoring extracts,	9	437,459	368,516	35,505	514.57	31	38	69	59	82	778,239
Flour-mill and grist-mill products,	5	126,513	117,971	2,206	735.33	3	-	3	3	3	125,840
Food preparations,	25	975,698	1,526,967	211,007	635.56	257	75	332	258	473	3,072,146
Foundry and machine-shop products,	225	29,600,650	9,008,997	7,594,313	754.45	9,916	150	10,066	7,417	13,025	24,173,523
Fur goods,	12	328,644	317,184	137,836	906.64	69	72	141	70	218	663,446

Lasts,	10	458,332	169,965	214,240	915.56	234	-	234	191	292	575,526
Leather goods, not elsewhere specified,	21	397,318	435,209	162,991	482.22	133	205	338	250	433	792,252
Leather, tanned, curried, and finished,	40	11,997,572	10,795,705	1,719,032	594.62	2,872	19	2,891	2,205	3,798	15,054,579
Liquors, malt, ¹	13	14,760,342	2,232,120	1,211,729	986.75	1,216	12	1,228	1,146	1,297	8,837,108
Looking-glass and picture frames,	21	191,467	158,848	86,054	682.97	126	-	126	114	145	382,846
Lumber, planing-mill products,	81	2,857,870	2,762,449	1,217,901	822.91	1,480	-	1,480	1,128	1,872	5,075,201
Marble and stone work,	43	2,180,228	729,075	726,572	812.72	804	-	804	703	1,158	2,154,464
Mattresses and spring beds,	28	788,722	1,150,721	308,045	604.01	399	111	510	439	584	1,967,565
Millinery and lace goods,	50	1,508,150	1,945,046	539,971	440.79	163	1,062	1,225	906	1,569	3,474,659
Mineral and soda waters,	43	928,272	524,177	129,405	748.01	173	-	173	130	265	1,261,204
Mirrors,	8	146,271	236,967	81,972	677.45	121	-	121	108	142	446,586
Models and patterns, not including paper patterns,	36	289,404	94,362	191,237	820.76	224	9	233	151	347	487,712
Monuments and tombstones,	120	1,437,825	741,470	852,936	820.92	1,039	-	1,039	807	1,244	2,363,444
Mucilage and paste,	11	510,917	715,256	45,661	643.11	60	11	71	63	77	1,025,671
Musical instruments and materials, not specified,	12	304,606	122,190	141,540	680.48	159	49	208	149	250	247,276
Musical instruments, pianos and organs, and materials,	27	8,379,366	2,352,593	1,593,896	669.99	2,243	136	2,379	2,159	2,636	5,303,434
Paints and varnishes,	21	2,975,307	2,568,963	292,968	670.41	406	31	437	377	501	4,484,959
Paper goods, not elsewhere specified,	20	347,461	190,279	84,440	435.26	64	130	194	128	262	460,046
Patent medicines and compounds, and druggists' preparations,	63	4,087,181	3,075,113	563,215	527.35	467	601	1,068	831	1,350	7,004,489
Plumbers' supplies,	9	534,996	204,996	140,555	699.28	194	7	201	178	228	531,225

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Sexes		
Metropolitan Boston — Concluded.										
Printing and publishing,	342	\$14,906,185	\$8,201,831	\$5,990,880	\$845.93	5,571	1,511	7,082	6,480	7,737
Refrigerators,	8	187,263	122,790	68,524	753.01	91	-	91	60	109
Rubber goods, not elsewhere specified,	17	2,889,945	2,105,455	486,432	601.28	636	173	809	634	1,118
Saddlery and harness,	13	55,955	67,641	32,639	815.98	39	1	40	36	46
Sausage, not made in slaughtering and meat- packing establishments,	16	256,559	1,170,886	112,603	708.19	158	1	159	147	174
Screws, machine,	8	349,518	163,607	105,431	671.85	149	8	157	130	189
Show cases,	9	62,222	58,637	41,226	877.19	47	-	47	40	58
Signs and advertising novelties,	10	119,788	93,138	81,008	633.14	97	33	130	94	159
Slaughtering and meat packing,	16	14,108,033	34,894,450	1,568,914	630.86	2,460	19	2,479	2,356	2,678
Soap,	21	2,831,852	2,388,250	243,017	505.63	231	127	408	346	497
Stationary goods, not elsewhere specified,	9	686,206	734,164	269,570	528.57	249	261	510	464	572
Statuary and art goods,	10	311,743	36,447	72,005	756.30	94	2	96	78	123
Steam fittings and steam and hot-water heating apparatus,	14	6,831,210	1,540,752	1,431,006	707.69	1,902	121	2,023	1,701	2,864
Steam packing,	8	197,826	103,193	37,478	707.13	53	-	53	45	62
Stereotyping and electrotyping,	9	160,516	114,298	120,374	937.23	143	-	143	131	171

Structural ironwork,	33	1,918,571	1,035,419	632,573	742.73	919	-	919	626	1,216	2,306,724
Surgical appliances,	9	141,709	73,388	70,131	609.88	64	51	115	100	136	230,255
Suspenders, garters, and elastic woven goods,	14	1,992,866	1,777,353	567,791	453.15	254	999	1,253	1,086	1,439	3,194,071
Tobacco manufactures,	90	3,469,432	2,590,271	2,186,876	823.06	2,064	593	2,657	2,337	3,028	6,325,595
Trunks and valises,	14	269,457	242,177	95,875	538.19	132	31	163	96	232	465,623
Watch and clock materials,	6	143,534	40,242	86,512	514.95	66	102	168	155	188	184,457
Window shades and fixtures,	10	124,541	234,235	29,444	566.23	35	17	52	42	71	342,162
Wirework, including wire rope and cable,	11	189,344	98,008	107,397	771.92	139	-	139	123	153	314,047
Wood, turned and carved,	10	170,880	30,625	35,570	602.83	57	2	59	43	90	100,730
Wooden goods, not elsewhere specified,	10	179,561	136,748	68,959	579.49	106	11	119	95	150	262,006
Woolen and worsted goods,	4	3,012,318	2,176,129	531,017	506.73	593	457	1,050	366	1,240	2,984,172
Other industries,	417	115,425,823	74,381,166	20,386,262	670.34	24,072	6,341	30,413	24,462	34,963	117,813,954

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
D. METROPOLITAN BOSTON.
[Arranged in order of Product Value.]

CITIES AND TOWNS.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product						
						Average Number			Smallest Number		Greatest Number					
						Average Number		Both Sexes								
						Males	Females									
METROPOLITAN BOSTON.						4,160	\$454,925,041	\$331,294,160	\$166,241,566	\$640.55	119,043	46,974	166,017	135,291	196,100	\$683,796,410
Boston,	2,427	201,757,183	150,874,711	48,172,653	647.35	51,503	22,912	74,415	61,126	89,796	271,969,462
Lynn,	402	35,292,316	38,065,420	14,881,840	653.00	16,006	6,784	22,790	18,009	27,616	69,465,451
Cambridge,	285	46,070,379	33,184,737	10,437,664	630.29	12,004	4,823	16,827	14,024	20,039	58,423,407
Somerville,	120	20,039,473	38,033,401	3,452,947	636.61	5,148	276	5,424	4,821	6,086	44,946,442
Chelsea,	108	9,408,708	9,552,734	3,670,933	612.95	4,401	1,588	5,969	5,341	6,897	17,390,756
Quincy,	157	19,868,145	7,871,804	5,232,977	808.43	6,088	385	6,473	5,496	7,148	16,092,183
Watertown,	15	10,669,020	7,025,302	3,095,972	604.80	3,125	1,994	5,119	4,597	5,696	16,017,976
Everett,	76	26,468,901	7,232,714	2,132,948	646.35	2,828	472	3,300	2,647	3,871	13,958,715
Waltham,	75	23,524,723	3,877,106	4,018,331	668.16	4,300	1,714	6,014	3,596	7,337	10,987,073
Malden,	75	10,855,707	4,259,945	1,737,287	529.18	1,744	1,539	3,283	2,724	3,883	9,827,344
Woburn,	49	10,662,871	5,295,504	1,205,168	608.98	1,891	88	1,979	1,453	2,517	8,706,914
Weymouth,	30	5,773,787	4,109,697	1,086,637	595.74	1,325	499	1,824	1,515	2,106	7,976,028
Newton,	45	5,823,017	2,798,416	1,107,131	534.59	1,492	579	2,071	1,717	2,443	5,646,200
Wakefield,	19	5,132,497	2,677,916	1,098,962	579.01	1,312	586	1,898	1,472	2,192	5,080,621
Winchester,	16	2,335,877	3,883,770	642,895	595.82	998	81	1,079	875	1,375	5,045,927
Braintree,	18	3,299,047	2,735,132	1,104,634	580.77	1,148	754	1,902	1,653	2,096	4,843,474
Canton,	13	3,176,023	2,144,574	520,927	585.97	736	153	889	761	1,049	3,712,233

Barnstable,	9	56,826	27,557	19,625	613.28	27	5	32	21	57	66,450
Barre, .	7	2,246,911	922,608	400,378	511.34	604	179	783	592	908	1,760,242
Becket, .	6	136,237	61,139	51,551	500.50	87	16	103	82	126	155,398
Belmont,	6	129,669	172,109	63,513	577.39	87	23	110	68	135	267,284
Billerica,	8	5,382,838	2,415,131	1,072,918	584.70	1,678	157	1,835	1,530	2,098	3,857,242
Braintree,	18	3,399,047	2,735,123	1,104,634	590.77	1,148	754	1,902	1,653	2,096	4,848,474
Bridgewater,	17	3,334,824	6,408,221	1,699,112	640.54	2,309	428	2,637	2,051	3,658	9,550,104
Brookfield,	4	533,957	563,181	111,121	464.94	170	69	239	100	308	854,208
Brookline,	16	233,585	106,404	97,999	765.62	111	17	128	100	149	283,956
Canton,	13	3,176,028	2,144,874	520,927	585.97	736	153	889	761	1,049	3,712,238
Carver, .	7	55,210	37,739	12,120	577.62	21	-	21	21	33	61,081
Chester,	6	262,656	199,802	58,323	686.15	85	-	85	71	104	363,704
Clinton,	27	9,182,067	3,715,878	1,922,471	495.10	2,338	1,547	3,885	3,152	4,408	6,464,148
Concord,	7	449,828	642,541	151,813	726.38	187	23	209	99	306	932,046
Dalton,	8	1,865,461	859,436	390,274	574.78	354	325	679	560	762	1,879,426
Danvers,	24	2,021,326	1,872,353	733,871	544.01	875	474	1,349	1,042	1,698	3,401,768
Dartmouth,	5	72,500	22,880	20,224	498.51	41	-	41	41	64	54,520
Dedham,	13	613,925	123,029	93,171	517.62	133	47	189	148	278	270,969
Deerfield,	7	197,727	128,749	52,911	547.48	54	41	95	65	143	262,528
Dighton,	9	589,923	929,111	400,816	628.24	556	82	638	511	762	1,863,738
Douglas,	6	811,464	524,476	222,183	471.85	300	173	473	425	538	1,047,818
Dudley,	10	2,411,009	1,761,806	699,790	475.08	989	484	1,473	763	1,751	3,025,936
Easthampton,	21	7,991,513	9,213,575	1,796,729	522.00	2,095	1,347	3,442	3,075	3,893	12,906,142
Easton,	8	2,697,705	563,306	318,836	578.65	477	74	551	494	620	1,193,994
Erving,	5	1,644,669	509,100	243,011	619.15	446	108	554	527	598	1,233,721
Essex, .	4	52,173	82,384	23,724	659.28	36	-	36	36	54	121,286

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
E. FOR 110 TOWNS. BY INDUSTRIES — Continued.

	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
			Average Number		Smallest Number	Greatest Number	
			Males	Females				Both Sexes
	\$177,370	\$200.16	166	131	317	504	9612,200
	2,505,400	505.85	2,791	1,408	4,204	5,419	10,542,061
	637,201	574.44	908	200	1,003	1,328	2,136,714
	1,960,646	537.75	3,507	439	3,646	4,321	6,971,324
	12,887	730.88	19	-	19	21	80,577
	141,146	638.67	221	-	221	276	257,577
	1,405,705	515.12	2,272	254	2,726	3,002	4,446,377
	300,817	590.57	594	83	677	622	1,357,300
	49,268	470.17	70	25	105	150	240,714
	739,227	567.36	940	617	1,457	1,522	3,080,287
	456,084	431.02	816	232	948	965	2,838,507
	1,917,126	575.82	1,442	122	1,574	2,966	3,868,714
	246,748	505.54	245	99	424	506	1,438,202
	85,838	813.13	126	5	140	179	402,564
	70,061	544.93	67	57	124	163	148,076
	1,288,850	509.47	1,397	353	2,160	2,900	6,430,221
	74,361	500.45	112	13	126	124	268,579
Hanson,							
Hingham,	318,040	214,789					
Hudson,	257,750	36,017					
Hudson,	4,255,905	2,810,083					
Kingston,	246,312	149,088					

Lee,	18	1,863,907	904,892	508,334	551.94	691	230	921	789	1,015	1,835,251
Leicester,	10	2,217,991	1,423,029	430,874	543.47	550	335	885	742	1,025	2,434,828
Leominster,	69	6,908,191	5,089,315	3,591,188	538.93	3,178	1,638	4,808	3,701	5,716	10,305,698
Bread and other bakery products,	3	13,567	45,018	15,328	766.40	20	-	20	20	30	72,476
Combs and hairpins,	22	1,499,888	1,550,749	873,473	536.20	1,169	460	1,629	1,304	2,046	3,000,079
Foundry and machine-shop products,	4	54,651	9,631	16,434	864.95	19	-	19	18	23	40,105
Other industries,	40	5,340,085	3,483,917	1,635,953	536.93	1,964	1,176	3,140	2,459	3,617	7,093,038
Lexington,	6	459,603	181,581	58,723	716.13	63	19	82	69	98	363,572
Manchester,	6	70,449	20,100	20,611	858.79	23	1	24	18	37	61,119
Manassfield,	22	1,935,117	1,386,820	390,874	542.13	592	129	721	607	1,082	2,369,702
Marblehead,	24	622,110	694,008	362,350	568.31	394	226	620	499	803	1,352,543
Boots and shoes,	10	305,233	393,383	248,625	523.42	265	210	475	417	569	730,594
Shipbuilding, wooden, including boat building,	4	74,379	16,893	20,116	745.04	27	-	27	14	47	51,052
Other industries,	10	142,498	283,726	83,609	708.55	102	16	118	68	187	570,902
Medway,	9	389,362	515,925	248,261	570.71	235	200	435	264	628	808,575
Merrimac,	6	409,044	336,847	149,668	804.67	176	10	186	74	303	737,500
Methuen,	22	4,760,100	2,539,305	836,801	454.29	781	1,661	1,842	1,680	2,140	4,384,958
Middleborough,	26	3,647,811	3,127,467	925,963	579.81	1,117	480	1,597	1,440	1,759	4,997,297
Milford,	48	2,329,598	2,497,180	961,425	684.45	1,160	485	1,645	1,084	2,207	4,179,529
Boots and shoes,	3	806,967	1,375,585	400,137	563.57	489	231	710	496	783	2,020,018
Bread and other bakery products,	7	18,750	62,629	10,088	720.57	14	-	14	12	15	99,261
Tobacco manufactures,	6	47,383	34,552	21,263	664.47	23	9	32	28	35	77,117
Other industries,	33	1,456,478	1,024,414	529,937	596.10	634	255	889	498	1,374	1,983,183
Millbury,	24	2,521,836	1,588,374	493,609	528.49	679	255	934	755	1,053	2,645,521
Milton,	4	82,727	67,046	24,859	487.43	32	19	51	27	65	147,775
Monson,	8	1,215,347	853,788	350,706	603.62	371	210	581	370	830	1,524,519
Montague,	16	3,697,020	1,294,851	721,881	550.63	902	409	1,311	1,182	1,450	2,612,911

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

E. FOR 119 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Natick,	33	33,835,641	33,011,981	3671,785	5550.19	924	297	1,221	1,033	1,474	34,137,791
Boots and shoes,	8	1,734,636	1,954,106	391,715	542.54	606	116	722	609	910	2,595,341
Other industries,	25	1,051,005	1,057,875	280,070	561.26	318	181	499	424	564	1,542,450
Needham,	19	1,666,543	866,898	377,468	647.06	249	441	690	499	809	1,728,357
Hand knit goods,	3	15,050	3,555	6,140	682.23	5	4	9	5	10	14,848
Hosiery and knit goods,	8	1,429,499	720,139	318,656	546.53	171	412	583	429	674	1,425,543
Other industries,	8	221,999	143,198	52,666	537.41	73	25	98	65	125	287,946
North Andover,	9	1,756,285	1,998,278	757,830	592.05	1,018	262	1,280	1,052	1,401	3,303,753
North Attleborough,	65	5,733,083	1,771,778	1,375,319	656.57	1,376	567	1,943	1,517	2,538	4,336,923
Jewelry,	35	3,789,194	1,088,463	307,149	659.97	911	312	1,223	938	1,585	2,543,855
Other industries,	30	1,943,833	683,316	468,170	650.24	465	255	720	579	1,008	1,693,273
North Brookfield,	8	1,162,935	777,759	213,524	505.98	265	157	422	370	498	1,114,432
North Reading,	6	146,845	104,719	44,297	681.49	59	6	65	48	75	206,314
Northborough,	4	55,571	48,299	34,655	568.11	58	3	61	48	74	106,185
Northbridge,	15	5,323,558	2,514,865	2,135,695	604.84	2,999	592	3,531	3,255	4,128	5,281,090
Norton,	6	1,052,041	208,957	283,045	542.23	349	173	522	453	681	648,672
Norwood,	23	3,548,970	6,123,569	1,545,486	683.11	1,872	374	2,246	2,073	2,475	10,547,943
Orange,	17	2,315,929	877,094	550,072	568.84	770	197	967	890	1,051	2,235,152
Oxford,	8	1,303,577	315,086	331,143	507.11	433	231	663	611	626	1,474,491
Woolen and worsted goods,	4	665,877	495,208	216,269	471.17	271	188	459	431	476	963,719
Other industries,	4	637,500	319,833	114,873	592.13	151	43	194	180	219	511,772

MANUFACTURES — 1915.

[Pub. Doc.]

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TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Concluded.

E. FOR 119 TOWNS: BY INDUSTRIES — Concluded.

Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
	Average Number			Smallest Number	Greatest Number	
	Males	Females	Both Sexes			
3576.69	666	48	713	654	686	21,225,869
568.80	842	18	860	306	467	655,738
687.86	323	36	352	256	418	1,170,124
631.78	217	2	219	161	277	599,908
465.58	682	391	1,673	875	1,160	2,707,016
578.01	1,313	586	1,896	1,472	2,192	5,000,621
666.53	1,187	126	1,303	1,051	1,672	6,354,426
408.90	1,273	1,142	2,415	1,378	2,873	3,648,455
916.10	604	26	633	536	723	1,183,023
428.19	763	456	1,200	1,147	1,259	1,909,873
604.80	3,126	1,994	5,110	4,367	5,626	16,017,975
494.91	132	106	223	141	314	643,643
783.86	1,708	347	2,056	1,736	2,394	5,977,491
540.47	122	-	122	65	167	205,536
543.25	186	296	486	291	643	983,106
598.98	2,184	455	2,639	2,434	2,916	6,517,905
689.66	24	-	24	23	26	103,330
598.30	79	65	144	130	186	266,742
490.91	871	235	1,106	782	911	2,182,322
643.92	1,519	186	1,695	1,549	1,822	3,933,011

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1915.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	9,797	596,343	\$346,243,472	\$1,692,445,366	\$732,732,909
Individual,	4,339	39,978	24,331,473	113,684,169	54,401,432
Corporation,	3,002	500,154	288,868,728	1,404,630,238	609,267,839
Other,	1,766	56,216	33,043,271	174,130,959	69,113,647
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	44.7	6.7	7.0	6.7	7.4
Corporation,	37.1	83.9	83.4	83.0	83.2
Other,	18.2	9.4	9.6	10.3	9.4
Automobiles, including bodies and parts,	75	3,815	\$2,909,947	\$9,584,405	\$5,065,799
Individual,	24	272	208,222	714,532	455,743
Corporation,	34	3,292	2,581,024	8,335,236	4,298,955
Other,	17	251	180,701	534,637	331,006
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	32.0	7.1	7.0	7.4	9.0
Corporation,	45.3	86.3	86.9	87.0	84.5
Other,	22.7	6.6	6.1	5.6	6.5
Boots and shoes, exclusive of out stock and findings,	444	74,543	\$45,325,273	\$204,042,623	\$80,064,365
Individual,	137	6,817	4,209,647	17,194,048	7,565,444
Corporation,	187	55,491	33,561,793	154,284,603	59,950,535
Other,	120	12,240	7,553,833	32,563,882	12,539,886
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.9	9.2	9.3	8.4	9.4
Corporation,	42.1	74.4	74.0	75.6	74.9
Other,	27.0	16.4	16.7	16.0	15.7
Boot and shoe out stock and findings,	402	7,904	\$4,302,092	\$59,585,791	\$11,531,356
Individual,	194	2,259	1,190,961	11,448,387	2,843,209
Corporation,	92	3,587	2,072,867	23,774,930	5,077,142
Other,	116	2,058	1,038,264	19,362,384	3,600,945
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	48.3	28.6	27.7	19.2	24.6
Corporation,	22.9	45.4	48.2	48.3	43.8
Other,	28.8	26.0	24.1	32.5	31.6
Bread and other bakery products,	1,033	6,623	\$4,434,434	\$30,963,752	\$13,125,343
Individual,	856	2,611	1,906,293	12,449,263	5,002,859
Corporation,	70	2,842	1,757,627	12,619,374	5,696,212
Other,	163	1,170	821,544	5,895,115	2,486,277
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	78.7	39.4	42.5	40.2	37.9
Corporation,	6.4	42.9	39.2	40.8	43.2
Other,	14.9	17.7	18.3	19.0	18.9
Clothing, men's, including shirts,	209	6,241	\$3,695,725	\$19,397,033	\$9,411,595
Individual,	96	1,437	805,264	2,661,860	1,423,594
Corporation,	47	3,758	1,995,396	12,686,013	5,943,137
Other,	66	1,646	895,065	4,049,230	2,039,864
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	45.9	21.0	21.8	13.7	15.2
Corporation,	22.5	54.9	54.0	65.4	63.1
Other,	31.6	24.1	24.2	20.9	21.7

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	167	5,273	\$2,699,996	\$12,474,653	\$5,844,945
Individual,	63	1,230	650,496	2,736,022	1,321,971
Corporation,	42	2,206	1,041,308	4,627,560	2,306,664
Other,	62	1,837	1,008,192	5,111,071	2,216,320
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	37.7	23.3	24.1	21.9	22.6
Corporation,	25.1	41.8	38.6	37.1	39.5
Other,	37.2	34.9	37.3	41.0	37.9
Confectionery,	131	7,996	\$2,837,439	\$21,337,729	\$8,235,873
Individual,	54	463	223,079	1,375,448	617,253
Corporation,	54	6,338	2,580,130	19,450,837	7,439,149
Other,	23	205	84,290	561,444	229,476
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.2	6.6	7.7	6.4	7.4
Corporation,	41.2	90.5	89.4	90.9	89.8
Other,	17.6	2.9	2.9	2.7	2.8
Cotton goods, including cotton small wares,	197	113,223	\$52,395,797	\$197,594,533	\$87,563,743
Individual,	8	330	165,379	1,002,240	439,766
Corporation,	178	111,009	51,364,043	192,411,033	85,397,166
Other,	11	1,884	866,285	4,181,260	1,666,811
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.1	0.3	0.3	0.5	0.5
Corporation,	90.4	98.0	98.0	97.4	97.6
Other,	5.5	1.7	1.7	2.1	1.9
Cutlery and tools, not elsewhere specified,	149	6,730	\$4,357,607	\$15,047,760	\$10,937,370
Individual,	57	367	258,100	721,856	511,903
Corporation,	63	6,222	4,003,653	14,053,387	10,284,660
Other,	20	141	95,854	272,517	190,807
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	40.7	5.5	5.9	4.8	4.7
Corporation,	45.0	92.5	91.9	93.4	93.6
Other,	14.3	2.0	2.2	1.8	1.7
Electrical machinery, apparatus, and supplies,	99	17,342	\$11,596,027	\$43,335,337	\$24,666,476
Individual,	17	507	252,321	1,534,280	724,171
Corporation,	69	16,782	11,305,320	41,656,325	23,868,807
Other,	4	53	28,386	144,732	73,498
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	18.9	2.9	2.2	3.5	2.9
Corporation,	76.7	96.8	97.6	96.1	96.8
Other,	4.4	0.3	0.2	0.4	0.3
Foundry and machine-shop products,¹	776	45,640	\$32,833,216	\$188,989,727	\$63,996,402
Individual,	246	1,931	1,348,741	6,387,384	5,231,733
Corporation,	409	40,929	29,492,694	93,418,764	56,611,260
Other,	121	2,780	2,046,781	4,154,579	2,153,409
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.7	4.2	4.1	6.1	8.2
Corporation,	52.7	89.7	89.7	89.9	88.4
Other,	15.6	6.1	6.2	4.0	3.4

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	120	6,231	\$3,676,723	\$12,396,953	\$7,152,003
Individual,	40	474	271,909	964,575	574,276
Corporation,	59	4,949	2,919,475	9,697,955	5,662,547
Other,	31	808	485,344	1,734,423	915,785
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.8	7.6	7.4	7.8	8.0
Corporation,	45.4	79.4	79.4	78.2	79.2
Other,	23.8	13.0	13.2	14.0	12.8
Hosiery and knit goods,	59	9,366	\$4,591,715	\$17,215,247	\$7,843,210
Individual,	9	206	88,371	496,591	226,817
Corporation,	42	8,931	4,032,661	14,464,195	6,676,355
Other,	8	729	380,683	2,254,461	940,038
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	15.3	2.1	2.0	2.9	2.9
Corporation,	71.2	90.5	89.6	84.0	85.1
Other,	13.5	7.4	8.4	13.1	12.0
Jewelry,	159	5,177	\$3,260,977	\$13,170,395	\$6,349,352
Individual,	42	564	383,733	1,399,493	740,063
Corporation,	65	2,876	1,784,903	7,043,747	3,347,040
Other,	52	1,737	1,092,341	4,727,655	2,262,249
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.4	10.9	11.8	10.6	11.7
Corporation,	40.9	55.5	54.7	53.5	52.7
Other,	32.7	33.6	33.5	35.9	35.6
Leather, tanned, curried, and finished,	122	10,125	\$5,981,472	\$45,333,396	\$15,263,103
Individual,	35	1,028	620,878	2,908,918	1,399,604
Corporation,	62	7,952	4,648,449	37,305,820	12,285,923
Other,	25	1,205	712,145	5,168,660	1,577,581
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.7	10.1	10.4	6.4	9.2
Corporation,	50.8	78.1	77.7	82.2	80.5
Other,	20.5	11.8	11.9	11.4	10.3
Musical instruments, pianos and organs, and materials,	47	3,607	\$2,343,820	\$7,565,525	\$4,236,182
Individual,	13	117	87,706	313,463	162,926
Corporation,	34	3,490	2,256,114	7,252,062	4,073,176
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	27.7	3.2	3.7	4.1	3.9
Corporation,	72.3	96.8	96.3	95.9	96.1
Paper and wood pulp, . . .	86	13,147	\$7,330,563	\$44,000,579	\$13,301,975
Individual,	4	85	46,112	233,033	122,398
Corporation,	71	11,483	6,875,304	36,582,354	15,155,890
Other,	11	1,579	969,152	7,245,192	3,023,687
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.7	0.6	0.6	0.5	0.7
Corporation,	82.0	87.3	86.3	83.0	82.8
Other,	12.7	12.1	13.1	16.5	16.5

¹ Two partnerships included in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Es- tablish- ments	Average Number of Wage- earners	Wages Paid	Value of Product	Value Added by Manu- facture
Slaughtering and meat pack- ing, including sausage, .	84	3,473	\$2,193,506	\$49,573,419	\$4,949,563
Individual,	48	192	134,900	2,319,560	381,941
Corporation,	22	3,187	1,986,232	45,093,525	4,307,075
Other,	14	94	72,306	1,565,334	159,947
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	57.1	5.5	6.2	4.7	7.9
Corporation,	26.2	91.8	90.6	92.2	88.8
Other,	16.7	2.7	3.2	3.1	3.3
Woolen, worsted, and felt goods,	108	53,263	\$26,267,140	\$143,623,515	\$53,543,006
Individual,	21	1,562	816,677	3,714,492	1,711,163
Corporation,	123	47,205	23,247,263	127,963,533	47,213,926
Other,	24	4,501	2,303,200	11,950,490	4,622,997
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	12.5	2.9	3.1	2.6	3.2
Corporation,	73.2	88.6	88.2	89.1	88.2
Other,	14.3	8.5	8.7	8.3	8.6

Awnings, Tents, and Sails.		364	265	273	343	413	503	517	459	332	298	312	290	262
Males,	.	236	178	190	227	266	330	339	272	216	206	219	198	174
Females,	.	118	77	83	116	147	173	178	157	116	92	93	92	88
Baskets, and Batten and Willow Ware.		195	177	189	189	191	197	199	199	194	194	198	207	204
Males,	.	178	162	174	174	175	181	182	181	179	176	179	188	185
Females,	.	17	15	15	15	16	16	17	18	15	18	19	19	19
Belting, Leather.		1,868	1,968	1,996	1,950	1,974	1,377	1,294	1,308	1,431	1,424	1,435	1,465	1,581
Males,	.	1,306	1,210	1,236	1,193	1,216	1,315	1,235	1,246	1,365	1,358	1,360	1,398	1,509
Females,	.	62	58	60	57	58	62	59	60	66	66	65	67	72
Belting and Hose, Woven.		195	173	163	173	176	200	187	195	196	206	213	220	234
Males,	.	124	108	99	107	110	128	121	124	122	134	135	138	153
Females,	.	71	65	64	66	66	72	66	71	74	72	78	82	81
Billiard Tables and Materials.		34	36	36	35	34	34	34	33	33	33	33	34	34
Males,	.	34	36	36	35	34	34	34	33	33	33	33	34	34
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.		462	389	428	443	434	508	486	477	411	455	447	456	469
Males,	.	255	230	240	240	251	262	261	261	262	260	261	265	270
Females,	.	197	159	188	203	233	246	225	216	149	175	186	191	192
Bookbinding and Blank-Book Making.		2,869	2,828	2,852	2,840	2,843	2,834	2,874	2,860	2,853	2,850	2,914	2,947	2,925
Males,	.	1,453	1,530	1,549	1,533	1,537	1,527	1,565	1,534	1,523	1,534	1,584	1,596	1,597
Females,	.	1,316	1,298	1,303	1,307	1,305	1,307	1,309	1,326	1,335	1,316	1,330	1,352	1,328

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Brass, Bronze, and Copper Products.		1,949	1,673	1,743	1,765	1,727	1,876	1,965	2,020	2,067	2,059	2,110	2,172	2,249
Males,	.	1,915	1,630	1,701	1,719	1,691	1,840	1,935	1,991	2,036	2,029	2,080	2,142	2,218
Females,	.	34	42	41	36	36	36	30	29	31	30	30	30	31
Bread and Other Bakery Products.		6,623	6,523	6,480	6,517	6,492	6,557	6,641	6,678	6,668	6,651	6,636	6,636	6,790
Males,	.	5,692	5,582	5,552	5,575	5,611	5,636	5,715	5,730	5,689	5,710	5,680	5,866	5,854
Females,	.	931	941	928	942	881	901	926	948	879	941	976	960	936
Brick and Tile.		1,012	533	610	629	870	1,355	1,453	1,523	1,481	1,399	1,066	761	617
Males,	.	994	512	490	510	852	1,339	1,438	1,508	1,466	1,382	1,049	731	594
Females,	.	18	21	20	19	18	16	15	15	15	17	17	20	23
Brooms.		113	108	112	112	114	113	110	112	108	108	114	110	111
Males,	.	106	100	106	106	108	106	103	105	102	102	108	103	105
Females,	.	7	8	7	7	6	7	7	7	6	6	6	7	6
Brushes.		1,203	1,264	1,166	1,147	1,128	1,149	1,131	1,126	1,120	1,226	1,316	1,312	1,310
Males,	.	630	665	617	613	599	598	592	592	626	647	674	690	664
Females,	.	573	599	549	534	529	551	539	534	554	578	642	632	646
Butter.		37	38	38	38	37	38	38	39	39	38	38	37	37
Males,	.	37	38	38	38	37	38	38	39	39	38	38	37	37
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons.		657	453	508	516	548	570	653	717	764	768	783	783	802
Males,	.	253	180	180	198	226	224	253	276	278	282	297	304	316
Females,	.	404	278	317	317	322	346	400	441	486	486	486	478	486

Chemicals.		1,746	1,343	1,363	1,400	1,526	1,649	1,661	1,835	1,835	1,855	1,859	2,078	2,105	2,338
Males,	.	1,638	1,235	1,249	1,284	1,408	1,537	1,557	1,722	1,728	1,747	1,900	1,960	2,010	2,213
Females,	.	108	108	114	116	117	112	104	103	107	105	109	95	95	115
Cleansing and Polishing Preparations.		65	63	66	70	66	68	61	58	59	63	66	66	67	72
Males,	.	51	50	52	56	52	52	47	45	46	50	52	52	54	55
Females,	.	14	13	14	14	14	14	14	13	13	13	14	14	13	17
Cloth, Sponging and Refinishing.		44	45	43	43	43	43	44	43	43	45	47	47	43	43
Males,	.	44	45	43	43	42	42	44	42	42	45	47	47	43	43
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.		5,154	5,024	5,248	5,381	5,048	5,063	4,978	5,055	4,966	5,196	5,331	5,309	5,309	5,160
Males,	.	2,485	2,465	2,501	2,531	2,376	2,410	2,383	2,436	2,430	2,479	2,611	2,599	2,599	2,496
Females,	.	2,669	2,559	2,747	2,800	2,672	2,652	2,595	2,619	2,536	2,647	2,720	2,710	2,710	2,665
Clothing, Women's.		5,278	4,551	5,270	5,703	5,829	5,775	5,433	4,823	4,708	5,332	5,706	5,352	5,352	4,770
Males,	.	1,274	1,129	1,309	1,426	1,454	1,362	1,248	1,078	1,238	1,342	1,421	1,397	1,397	1,084
Females,	.	3,999	3,432	3,961	4,277	4,375	4,413	4,234	3,750	3,465	3,990	4,285	4,055	4,055	3,686
Coffee and Spice, Roasting and Grinding.		447	444	444	448	444	448	444	448	453	455	451	451	453	461
Males,	.	272	266	270	270	272	269	270	272	277	274	274	274	276	279
Females,	.	175	178	174	172	172	173	174	176	176	181	177	177	177	182
Coffins, Burial Cases, and Undertakers' Goods.		359	357	364	365	376	367	363	353	354	350	353	353	354	353
Males,	.	317	316	324	325	334	326	322	317	315	307	311	311	312	309
Females,	.	42	41	40	40	42	41	41	41	39	43	42	42	42	43

Corsets.		2,448	2,080	2,137	2,511	2,428	2,535	2,598	2,593	2,530	2,589	2,604	2,535	2,488
Males,	.	308	284	293	301	306	304	306	322	318	315	313	308	314
Females,	.	2,140	1,736	1,844	2,010	2,122	2,231	2,292	2,271	2,218	2,267	2,291	2,227	2,174
Cotton Goods.		112,221	108,578	102,727	111,464	111,903	111,820	112,272	111,835	111,156	111,733	114,640	115,733	115,768
Males,	.	60,632	58,963	59,522	60,290	60,419	60,441	60,528	60,302	60,108	60,126	61,716	62,562	62,637
Females,	.	51,589	49,615	50,205	51,174	51,484	51,379	51,744	51,533	51,048	51,607	52,924	53,171	53,131
Cotton Small Wares.		1,002	855	878	895	921	917	951	1,009	1,056	1,083	1,111	1,156	1,202
Males,	.	402	345	357	353	365	363	381	414	418	426	452	466	496
Females,	.	600	510	521	542	556	554	570	595	638	657	659	690	706
Cutlery and Tools, not elsewhere Specified.		6,730	6,443	6,630	6,356	6,271	6,301	6,532	6,434	6,698	6,893	7,221	7,442	7,696
Males,	.	6,032	5,772	5,925	5,701	5,628	5,662	5,684	5,776	6,030	6,200	6,449	6,646	6,874
Females,	.	698	671	695	655	643	639	648	658	668	693	772	796	822
Dental Goods.		51	51	51	51	51	51	52	51	50	50	50	51	51
Males,	.	40	40	40	40	40	40	41	40	39	39	39	40	40
Females,	.	11	11	11	11	11	11	11	11	11	11	11	11	11
Dyeing and Finishing Textiles.		11,595	10,805	10,915	11,242	11,362	11,534	11,433	11,436	11,337	11,510	12,166	12,530	12,903
Males,	.	9,489	8,939	8,996	9,176	9,295	9,463	9,393	9,325	9,249	9,363	9,959	10,205	10,530
Females,	.	2,106	1,866	1,919	2,066	2,067	2,071	2,040	2,111	2,088	2,147	2,207	2,325	2,373
Dyestuffs and Extracts.		145	136	134	133	137	143	139	136	136	137	148	164	176
Males,	.	140	133	129	128	132	138	136	135	137	136	147	162	174
Females,	.	3	3	5	5	5	5	3	1	1	1	1	2	2

Fancy Articles, not elsewhere Specified.		771	789	658	611	661	677	698	766	794	944	881	885	991
Males,		372	381	365	357	334	350	356	352	346	359	404	416	451
Females,		399	418	293	254	227	327	342	404	448	585	477	469	540
Felt Goods.		779	768	748	717	745	761	719	689	714	833	880	891	892
Males,		657	646	637	604	629	648	607	582	596	695	735	764	761
Females,		122	117	119	113	114	113	112	107	118	137	145	127	131
Firearms.		2,391	1,581	1,551	1,612	1,663	1,819	2,559	2,751	2,545	2,899	3,049	3,173	3,483
Males,		2,377	1,574	1,541	1,601	1,649	1,803	2,544	2,735	2,531	2,876	3,034	3,161	3,467
Females,		14	7	10	11	14	16	15	16	14	16	15	17	16
Flavoring Extracts.		112	99	100	103	116	123	123	123	121	108	110	107	111
Males,		47	43	43	44	48	50	48	49	49	44	45	46	49
Females,		65	56	57	59	67	73	75	74	72	62	65	61	62
Flour-Mill and Gristmill Products.		127	126	128	128	126	125	125	126	126	127	127	128	128
Males,		127	126	128	128	126	125	125	126	126	127	127	128	128
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations.		419	495	544	471	458	577	551	557	560	584	587	593	604
Males,		323	374	398	346	330	295	276	278	287	303	305	309	351
Females,		96	121	146	125	108	82	75	79	73	81	82	84	113
Foundry and Machine-Shop Products.		38,535	32,513	35,381	34,500	34,943	36,598	37,925	39,519	40,316	41,590	42,363	43,256	45,798
Males,		38,029	32,008	32,879	33,989	34,425	36,060	37,364	38,949	39,740	41,016	41,774	42,650	45,199
Females,		556	505	502	511	517	538	561	570	576	574	589	606	599

Glass Cutting, Staining, and Ornamenting.		189	171	165	198	195	194	176	168	171	199	911	910	919
Males,	.	182	165	159	185	188	187	160	162	167	193	204	203	206
Females,	.	7	6	7	7	7	7	7	6	4	6	7	7	7
Glue.		589	590	609	608	619	611	489	494	413	533	619	624	609
Males,	.	433	455	465	450	463	464	399	342	341	426	466	461	462
Females,	.	129	125	144	158	151	147	90	82	72	107	153	163	147
Gold and Silver, Leaf and Foil.		107	113	111	107	106	100	100	99	98	102	109	116	120
Males,	.	53	56	56	55	54	50	51	51	49	50	53	56	56
Females,	.	54	56	55	52	52	50	49	48	49	52	56	60	64
Gold and Silver, Reducing and Refining, not from the Ore.		18	18	18	17	17	18	18	18	18	18	18	18	18
Males,	.	18	18	18	17	17	18	18	18	18	18	18	18	18
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.		613	610	608	610	598	601	613	614	613	613	616	626	616
Males,	.	608	606	604	606	594	596	613	609	608	608	611	621	611
Females,	.	5	4	4	4	4	5	5	5	5	5	5	5	5
Hand Stamps and Stencils and Brands.		96	93	91	96	96	96	93	96	98	98	100	103	103
Males,	.	85	81	80	85	85	86	83	86	88	88	90	93	92
Females,	.	11	12	11	11	11	10	10	10	10	10	10	10	11
Hardware.		1,908	1,306	1,254	1,240	1,339	1,323	1,186	1,370	1,323	1,317	1,398	1,478	1,496
Males,	.	1,218	1,229	1,177	1,158	1,156	1,153	1,111	1,191	1,308	1,215	1,288	1,359	1,373
Females,	.	90	77	77	82	83	75	75	79	84	102	110	119	122

Instruments, Professional and Scientific.	576	588	636	640	669	676	477	535	538	554	552	563	491
Males,	511	519	564	560	588	592	438	476	468	481	482	493	459
Females,	65	63	72	80	81	84	39	59	70	73	70	70	32
Iron and Steel, Steel Works and Rolling Mills.	2,772	2,111	2,340	2,448	2,518	2,608	2,678	2,868	2,081	3,071	2,963	3,196	2,327
Males,	2,685	2,048	2,269	2,376	2,438	2,524	2,586	2,771	2,920	2,974	2,978	3,107	2,320
Females,	87	63	71	72	80	84	92	97	101	97	90	89	107
Iron and Steel, Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills.	1,220	1,241	1,262	1,262	1,195	1,195	1,207	1,110	1,216	1,235	1,239	1,247	1,267
Males,	897	922	935	923	902	888	881	791	834	896	902	906	930
Females,	323	319	327	299	293	307	326	319	332	339	337	344	327
Iron and Steel Forgings.	859	690	682	710	701	722	835	948	979	972	981	1,036	1,070
Males,	832	665	657	686	677	698	808	919	950	943	932	1,009	1,035
Females,	27	25	25	24	24	24	27	29	29	29	29	27	35
Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.	1,355	1,240	1,248	1,275	1,315	1,316	1,201	1,311	1,363	1,415	1,461	1,494	1,540
Males,	1,019	944	952	971	996	1,001	1,001	1,003	1,036	1,044	1,072	1,104	1,125
Females,	336	296	296	304	319	315	300	308	327	371	389	390	415
Jewelry.	5,177	5,204	4,780	4,547	4,519	4,732	4,751	4,654	4,892	5,433	6,197	6,195	6,253
Males,	3,480	3,574	3,240	3,073	3,054	3,218	3,246	3,129	3,304	3,635	4,097	4,076	4,140
Females,	1,697	1,630	1,540	1,474	1,465	1,514	1,505	1,525	1,588	1,803	2,100	2,119	2,116

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Jewelry and Instrument Cases.	340	304	309	337	341	339	341	339	333	347	365	374	373
Males,	110	98	103	109	108	107	105	105	111	113	121	123	124
Females,	230	206	206	228	233	232	236	224	221	234	244	251	249
Labels and Tags.	36	27	27	26	26	29	28	29	25	26	26	26	26
Males,	16	17	17	16	16	17	17	18	17	16	16	16	16
Females,	10	10	10	10	10	12	11	11	8	10	10	10	10
Lamps and Reflectors.	239	241	255	239	299	300	278	296	281	287	288	307	325
Males,	257	222	234	266	262	265	252	266	251	250	249	270	285
Females,	32	19	21	33	37	35	26	30	30	37	39	37	40
Lasts.	810	846	835	797	795	743	766	821	821	773	788	827	894
Males,	799	833	821	790	788	736	756	800	805	765	780	819	882
Females,	11	13	14	7	7	7	10	21	16	8	8	8	12
Leather Goods, not elsewhere Specified.	383	297	330	340	374	359	409	370	349	384	449	487	474
Males,	191	167	175	180	192	181	201	194	184	195	215	215	213
Females,	192	130	155	160	182	178	208	176	165	189	234	272	262
Leather, Tanned, Curried, and Finished.	10,185	9,243	9,394	9,338	9,639	9,212	9,469	9,933	10,454	10,663	10,818	10,960	11,536
Males,	10,061	9,505	9,765	9,728	9,517	9,118	9,377	9,836	10,348	10,539	10,671	10,809	11,372
Females,	124	147	129	110	122	94	92	97	106	124	147	151	164

[illegible]

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

[illegible]

Models and Patterns, not including Paper Patterns.		317	308	312	316	318	301	301	306	306	325	320	323	321	336
Males,	.	316	306	310	313	310	300	300	306	306	325	318	320	320	335
Females,	.	1	2	2	2	2	1	1	-	-	-	2	2	1	1
Monuments and Tombstones.		1,327	1,021	1,053	1,154	1,278	1,805	1,314	1,335	1,335	1,309	1,269	1,215	1,163	1,129
Males,	.	1,227	1,021	1,053	1,154	1,278	1,305	1,314	1,335	1,335	1,299	1,269	1,215	1,163	1,129
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mucilage and Paste.		87	85	85	88	83	84	83	88	88	98	91	89	98	98
Males,	.	78	75	75	76	71	71	70	73	73	77	77	75	77	83
Females,	.	14	10	10	12	12	13	13	15	15	15	14	14	15	15
Musical Instruments and Materials, not Specified.		251	243	261	277	290	293	278	247	220	220	231	243	223	207
Males,	.	194	190	202	212	213	218	208	188	173	173	179	187	180	166
Females,	.	57	53	59	65	67	68	70	59	48	48	52	56	42	41
Musical Instruments, Planos and Organs, and Materials.		3,607	3,553	3,587	3,500	3,505	3,481	3,483	3,478	3,484	3,484	3,600	3,734	3,669	3,895
Males,	.	3,389	3,357	3,388	3,360	3,301	3,278	3,286	3,279	3,287	3,287	3,389	3,492	3,609	3,626
Females,	.	218	195	199	200	204	203	197	199	197	197	211	242	260	269
Oil, not elsewhere Specified.		279	280	287	283	278	278	281	277	276	276	275	276	288	290
Males,	.	270	272	279	274	271	271	272	267	266	266	265	266	276	278
Females,	.	9	8	8	8	7	7	9	10	10	10	10	10	12	12
Paints and Varnishes.		508	476	493	500	518	512	516	521	524	524	503	503	521	522
Males,	.	477	445	461	469	488	481	484	489	491	491	472	472	490	489
Females,	.	31	30	32	31	30	31	32	32	33	33	31	31	31	33

Pocketbooks.	978	953	906	996	984	968	984	984	940	939	958	997	919	936
Males,	96	93	107	106	104	92	91	87	80	86	92	99	103	
Females,	183	160	189	190	180	166	173	153	152	173	206	220	233	
Pottery.	169	166	160	168	169	160	141	168	165	161	166	166	168	
Males,	140	137	139	138	141	139	124	134	138	146	149	149	150	
Females,	19	19	21	20	21	21	17	18	17	16	16	16	16	
Printing and Publishing.	9,959	10,151	10,996	10,198	10,067	9,971	9,884	9,531	9,387	9,798	10,058	10,072	10,084	
Males,	7,870	8,028	8,043	8,083	7,949	7,873	7,760	7,540	7,490	7,713	7,961	7,991	7,978	
Females,	2,082	2,123	2,183	2,164	2,108	2,098	2,074	1,991	1,897	2,026	2,107	2,081	2,106	
Refrigerators.	108	106	116	124	117	127	124	109	76	83	99	108	116	
Males,	108	106	116	124	117	127	124	109	76	83	99	108	116	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubber Goods, not elsewhere Specified.	5,078	4,031	4,330	4,778	4,733	4,996	5,106	5,878	5,485	5,589	5,778	5,855	5,059	
Males,	4,427	3,378	3,659	4,102	4,135	4,321	4,507	4,706	4,889	4,941	5,059	5,094	4,342	
Females,	651	653	671	676	598	606	599	572	596	641	719	761	717	
Saddlery and Harness.	269	368	494	314	261	384	410	211	143	148	146	161	163	
Males,	239	321	370	287	236	338	364	206	142	147	143	158	160	
Females,	20	27	54	27	16	46	46	6	1	1	3	3	3	
Sausage, not made in Slaughtering and Meat-Packing Establishments.	287	289	283	281	279	280	280	278	280	292	296	298	298	
Males,	284	286	279	278	276	277	277	275	277	280	292	296	296	
Females,	3	3	3	3	3	3	3	3	3	3	3	3	3	

Silk and Silk Goods, including Throwsters.		3,600	3,402	3,363	3,440	3,698	3,396	3,351	3,136	3,536	3,648	3,883	4,081	4,074
Males,	.	1,126	1,076	1,081	1,112	1,141	1,112	1,041	1,006	1,114	1,149	1,190	1,221	1,267
Females,	.	2,464	2,327	2,281	2,328	2,551	2,514	2,210	2,120	2,422	2,490	2,694	2,810	2,817
Silverware and Plated Ware.		3,193	2,079	2,103	2,090	2,028	2,061	2,064	2,006	2,169	2,253	2,430	2,599	2,514
Males,	.	1,908	1,820	1,800	1,848	1,784	1,807	1,821	1,763	1,906	1,938	2,076	2,147	2,118
Females,	.	285	249	243	242	244	254	243	240	263	318	354	382	396
Slaughtering and Meat Packing.		3,186	3,388	3,361	3,376	3,134	3,090	3,116	3,161	3,101	3,069	3,068	3,140	3,375
Males,	.	3,166	3,369	3,341	3,357	3,117	3,072	3,094	3,137	3,080	3,070	3,073	3,122	3,255
Females,	.	20	19	20	19	17	18	22	24	21	19	20	18	20
Soap.		484	446	442	449	452	495	489	487	485	497	524	527	528
Males,	.	350	333	334	341	342	364	355	353	339	354	373	365	367
Females,	.	124	113	108	108	110	131	134	134	146	143	151	162	161
Sporting and Athletic Goods.		1,418	1,453	1,510	1,476	1,521	1,475	1,472	1,351	1,377	1,333	1,410	1,410	1,453
Males,	.	1,038	1,037	1,075	1,031	1,040	1,019	1,012	940	965	1,020	1,088	1,099	1,131
Females,	.	380	416	435	445	481	456	460	311	312	302	322	311	322
Springs, Steel, Car and Carriage.		36	36	36	36	36	36	37	36	36	36	37	39	39
Males,	.	36	36	36	36	36	36	37	36	36	36	37	39	39
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Stationary Goods, not elsewhere Specified.		2,044	1,977	2,051	2,023	2,071	2,055	2,027	1,333	1,995	2,035	2,159	2,168	2,187
Males,	.	898	884	896	893	915	912	897	836	892	894	912	930	933
Females,	.	1,146	1,093	1,155	1,145	1,156	1,142	1,120	967	1,103	1,141	1,217	1,236	1,254

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Decem- ber	26	26	-	4,129	2,995	194	70	70	-	247	231	16	1,666	1,653	2
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Structural Ironwork, not made in Steel Works or Rolling Mills.	Males,	1,333	1,310	1,343	1,216	1,281	1,318	1,296	1,304	1,289	1,343	1,377	1,384	1,377
	Females,	1,323	1,310	1,343	1,216	1,281	1,318	1,296	1,304	1,289	1,343	1,377	1,384	1,377
Surgical Appliances.	Males,	235	220	217	217	218	216	219	233	231	244	257	273	266
	Females,	158	156	151	150	150	145	146	153	148	160	168	179	179
Suspenders, Garters, and Elastic Woven Goods.	Males,	2,824	2,683	2,797	2,803	2,757	2,723	2,764	2,733	2,818	2,991	3,106	3,192	3,226
	Females,	1,021	979	1,014	997	979	964	950	940	1,000	1,054	1,085	1,132	1,141
Tobacco Manufactures.	Males,	1,863	1,709	1,783	1,806	1,758	1,759	1,814	1,792	1,818	1,937	2,021	2,060	2,087
	Females,	3,065	3,597	3,507	3,463	3,459	3,499	3,552	3,790	3,731	3,787	3,936	3,940	3,733
Toys and Games.	Males,	2,728	2,599	2,573	2,563	2,570	2,597	2,642	2,775	2,806	2,856	2,923	2,923	2,857
	Females,	937	928	924	899	889	902	910	945	926	931	1,013	1,017	925
Trunks and Valises.	Males,	1,969	849	978	1,085	1,215	1,310	1,381	1,343	1,439	1,453	1,466	1,973	1,073
	Females,	772	587	642	698	763	805	837	827	862	874	827	794	704
Type Founding and Printing Materials.	Males,	467	263	336	387	452	506	544	521	577	584	599	479	369
	Females,	321	230	295	302	316	323	313	328	297	304	306	277	256
Type Founding and Printing Materials.	Males,	83	50	77	93	98	95	88	81	77	90	98	89	67
	Females,	91	89	92	94	93	92	90	91	87	88	90	91	94
Type Founding and Printing Materials.	Males,	74	73	74	75	74	75	74	73	73	73	73	74	75
	Females,	17	16	18	19	19	17	16	18	14	15	17	17	19

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Concluded.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Upholstering Materials.	187	189	189	187	191	208	181	176	174	171	186	190	196
Males,	177	179	179	176	179	187	166	163	166	165	180	193	188
Females,	10	10	10	11	12	16	15	12	8	6	6	6	7
Vinegar and Cider.	56	57	56	56	53	56	57	59	48	60	109	92	68
Males,	56	57	56	56	53	56	57	59	42	60	109	92	68
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.	844	764	766	749	767	872	802	877	885	905	938	954	789
Males,	580	472	493	489	505	602	615	625	638	664	681	682	491
Females,	264	292	262	260	262	270	277	252	247	241	251	272	291
Watch and Clock Materials.	168	177	175	173	167	166	167	167	136	164	176	174	179
Males,	66	68	67	66	63	65	68	68	58	64	68	66	70
Females,	102	109	108	107	104	101	99	99	78	100	108	108	109
Whips.	843	837	830	848	852	865	839	808	801	818	831	874	901
Males,	608	615	607	612	612	615	606	585	579	584	597	624	654
Females,	235	222	223	236	240	250	233	217	222	229	224	250	247
Window Shades and Fixtures.	184	94	98	112	145	162	160	189	181	118	108	107	106
Males,	101	72	76	90	123	137	136	117	96	94	85	83	82
Females,	23	22	22	22	22	25	24	22	23	24	23	24	24

Wire.		3,148	3,004	2,838	2,941	2,779	2,839	2,918	2,850	3,941	3,458	3,590	3,814	3,898
Males,	.	3,058	2,528	2,753	2,862	2,698	2,745	2,822	2,757	3,142	3,362	3,494	3,712	3,794
Females,	.	90	76	74	79	81	94	96	93	99	96	96	102	104
Wirework, including Wire Rope and Cable.														
Males,	.	1,925	1,868	1,941	1,869	1,994	2,035	1,948	1,763	1,813	1,839	1,900	1,988	2,049
Females,	.	1,575	1,523	1,590	1,618	1,628	1,656	1,579	1,466	1,496	1,492	1,554	1,615	1,657
	.	350	339	351	351	366	379	369	297	317	330	346	373	385
Wood, Turned and Carved.														
Males,	.	1,554	1,391	1,543	1,408	1,381	1,340	1,333	1,337	1,337	1,305	1,357	1,386	1,440
Females,	.	1,312	1,253	1,306	1,368	1,240	1,301	1,279	1,288	1,289	1,259	1,308	1,337	1,392
	.	42	38	37	40	41	39	43	39	38	46	49	49	48
Wooden Goods.														
Males,	.	241	216	238	250	238	243	251	253	234	239	233	234	253
Females,	.	228	199	215	230	231	241	240	235	219	216	226	232	237
	.	13	17	23	20	7	2	11	17	15	13	2	2	21
Wool Scouring.														
Males,	.	733	637	708	643	630	733	724	677	730	770	833	874	908
Females,	.	704	604	682	618	585	695	690	646	699	738	796	837	868
	.	34	33	26	25	35	37	34	31	31	32	36	37	40
Woolen and Worsted Goods.														
Males,	.	59,489	53,376	51,473	52,808	53,314	50,808	48,957	49,573	51,309	54,451	55,443	55,838	54,553
Females,	.	31,275	30,959	30,700	31,364	31,684	30,320	29,044	29,946	30,645	32,433	32,700	33,108	32,366
	.	21,214	21,317	20,773	21,442	21,530	20,283	19,213	19,626	20,657	22,018	22,742	22,730	22,187
Other Industries.														
Males,	.	31,341	28,116	29,643	30,810	31,380	31,496	31,303	30,766	33,139	30,983	35,566	36,330	37,053
Females,	.	24,774	22,643	23,790	24,323	24,368	24,386	24,617	24,094	25,122	24,516	26,679	27,172	27,912
	.	6,867	5,472	5,858	6,487	7,012	7,110	7,185	6,672	8,017	6,466	8,887	9,158	9,141

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 18, 1915.
BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
THE STATE.	432,493	176,300	608,793	21,814	23,011	44,825	653,618
Agricultural implements.	425	-	425	6	-	6	431
Artificial limbs,	22	2	24	1	-	1	25
Artificial stone products,	330	-	330	1	-	1	331
Automobiles, including bodies and parts,	4,214	40	4,254	81	-	81	4,335
Awnings, tents, and sails,	178	87	265	8	3	11	376
Baskets, and rattan and willow- ware,	185	17	202	6	2	8	210
Belting, leather,	1,500	62	1,562	80	14	94	1,656
Belting and hose, woven,	163	69	232	5	8	13	245
Billiard tables and materials,	34	-	34	-	-	-	34
Blacking, stains, and dressings,	258	190	448	-	-	-	448
Bookbinding and blank-book mak- ing,	1,431	1,202	2,633	126	149	275	2,908
Boot and shoe cut stock and find- ings,	6,202	2,471	8,673	512	363	875	9,548
Boots and shoes,	52,063	26,308	78,371	2,766	2,534	5,300	83,671
Boots and shoes, rubber,	5,415	4,094	9,509	222	422	644	10,153
Boxes, cigar,	81	85	166	8	14	22	188
Boxes, fancy and paper,	1,473	2,372	3,845	97	464	561	4,406
Boxes, wooden packing,	3,209	241	3,450	106	31	137	3,587
Brass, bronze, and copper products,	2,211	31	2,242	14	5	19	2,261
Bread and other bakery products,	5,715	822	6,537	174	167	341	6,878
Brick and tile,	679	15	694	21	3	24	718
Brooms,	91	7	98	11	-	11	109
Brushes,	653	593	1,246	28	52	80	1,326
Butter,	38	-	38	-	-	-	38
Buttons,	287	401	688	40	111	151	839
Canning and preserving,	1,439	347	1,786	28	68	96	1,882
Carpets and rugs, other than rag,	2,595	1,723	4,318	316	297	613	4,931
Carpets, rag,	81	15	96	5	1	6	102
Carriages and sleds, children's,	1,122	133	1,255	47	13	60	1,315
Carriages and wagons, and ma- terials,	955	1	956	3	-	3	959
Cars and general shop construction and repairs by steam railroad companies,	6,028	18	6,046	74	-	74	6,120
Chemicals,	2,199	89	2,288	27	28	55	2,343
Cleansing and polishing prepara- tions,	52	15	67	5	2	7	74
Cloth sponging and refinishing,	43	-	43	-	-	-	43
Clothing, men's,	2,609	2,694	5,303	45	115	160	5,463
Clothing, women's,	1,173	3,641	4,814	51	290	341	5,155
Coffee and spice, roasting and grinding,	277	179	456	5	5	10	466
Coffins, burial cases, and under- takers' goods,	295	38	333	15	5	20	353
Combs and hairpins,	1,579	479	2,058	177	184	361	2,419
Confectionery and ice cream,	2,968	4,911	7,179	106	1,097	1,203	8,382
Confectionery,	1,931	4,903	6,834	102	1,096	1,198	8,032
Ice cream,	337	8	345	4	1	5	380
Cooperage,	706	-	706	33	-	33	741
Copper, tin, and sheet-iron prod- ucts,	2,541	82	2,623	110	5	115	2,738
Cordage and twine, and jute goods,	3,207	1,726	4,933	208	278	486	5,419
Corsets,	300	1,984	2,284	14	189	203	2,487
Cotton goods,	58,356	47,475	105,831	5,271	5,776	11,047	116,878

TABLE IV. WAGE-EARNERS — Continued.
NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Cotton small wares,	450	516	966	79	185	264	1,230
Cutlery and tools, not elsewhere specified,	6,599	705	7,304	411	121	532	7,836
Dental goods,	28	10	38	12	1	13	51
Dyeing and finishing textiles,	10,093	2,054	12,147	861	241	1,202	13,349
Dyestuffs and extracts,	170	1	171	3	—	3	174
Electrical machinery, apparatus, and supplies,	15,065	2,952	18,017	693	1,118	1,811	19,828
Electroplating,	242	11	253	15	—	15	268
Enameling and japanning,	90	44	134	16	4	20	154
Engraving and diesinking,	127	8	135	23	—	23	153
Engraving, steel and copper plate, including plate printing,	230	143	373	17	27	44	417
Envelopes,	633	1,185	1,818	51	175	226	2,044
Fancy articles, not elsewhere speci- fied,	416	435	851	24	107	131	982
Felt goods,	733	121	854	19	4	23	877
Firearms,	3,455	15	3,470	83	—	83	3,553
Flavoring extracts,	48	55	103	2	6	8	111
Flour-mill and gristmill products,	150	—	150	—	—	—	150
Food preparations,	342	98	440	13	9	22	462
Foundry and machine-shop prod- ucts,	44,606	780	45,386	1,198	54	1,252	46,638
Fur goods,	99	108	207	2	2	4	211
Furnishing goods, men's,	66	334	400	12	19	31	431
Furniture,	5,820	661	6,481	276	53	329	6,810
Galvanizing,	13	—	13	—	—	—	13
Gas and electric fixtures,	146	—	146	12	—	12	158
Gas, illuminating and heating,	2,305	—	2,305	8	—	8	2,313
Glass, cutting, staining, and orna- menting,	199	8	207	18	1	19	226
Glue,	500	133	633	1	16	17	655
Gold and silver, leaf and foil,	51	64	115	3	2	5	120
Gold and silver, reducing and re- fining, not from the ore,	18	—	18	—	—	—	18
Grease and tallow,	607	5	612	1	—	1	613
Hand stamps and stencils and brands,	81	9	90	13	1	14	104
Hardware,	1,242	100	1,342	164	20	184	1,526
Hats and caps, other than felt, straw, and wool,	169	81	250	5	5	10	260
Hats, fur-felt,	508	416	924	16	21	37	961
Hats, straw,	798	1,537	2,335	14	46	60	2,395
Hosiery and knit goods,	3,090	6,579	9,669	313	942	1,255	10,924
House-furnishing goods, not else- where specified,	416	223	639	47	24	71	710
Ice, manufactured,	43	—	43	—	—	—	43
Instruments, professional and sci- entific,	445	28	473	14	5	19	492
Iron and steel, steel works and roll- ing mills,	3,216	106	3,322	22	—	22	3,344
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	904	279	1,183	23	47	70	1,253
Iron and steel forgings,	1,006	27	1,033	57	8	65	1,098
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,074	304	1,378	49	86	135	1,513

TABLE IV. WAGE-EARNERS — Continued.
NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Jewelry,	3,919	1,850	5,769	189	252	441	6,210
Jewelry and instrument cases,	100	217	317	26	31	57	374
Labels and tags,	14	10	24	2	—	2	26
Lamps and reflectors,	261	26	287	24	14	38	325
Lasts,	844	12	856	46	—	46	902
Leather goods, not elsewhere speci- fied,	195	236	431	17	25	42	478
Leather, tanned, curried, and fin- ished,	11,245	154	11,399	165	17	182	11,581
Lime,	394	—	394	4	—	4	398
Linen goods,	514	590	1,104	156	192	348	1,452
Liquors, distilled,	119	—	119	—	—	—	119
Liquors, malt,	1,999	12	2,011	—	—	—	2,011
Lithographing,	820	268	1,088	87	48	135	1,223
Looking-glass and picture frames,	134	—	134	10	—	10	144
Lumber and timber products,	931	—	931	11	—	11	942
Lumber, planing-mill products,	2,885	3	2,888	58	—	58	2,946
Marble and stone work,	2,228	—	2,228	26	—	26	2,254
Mattresses and spring beds,	497	164	661	23	14	37	698
Millinery and lace goods,	189	1,212	1,401	17	194	211	1,612
Mineral and soda waters,	343	7	350	7	—	7	357
Mirrors,	125	—	125	14	—	14	139
Models and patterns, not including paper patterns,	312	1	313	16	1	17	330
Monuments and tombstones,	1,137	—	1,137	22	—	22	1,159
Mucilage and paste,	84	13	97	1	2	3	100
Musical instruments and materials, not specified,	163	34	197	14	7	21	218
Musical instruments, pianos and organs, and materials,	3,440	219	3,659	226	43	269	3,928
Oil, not elsewhere specified,	259	11	270	1	1	2	272
Paints and varnishes,	480	31	511	15	4	19	530
Paper and wood pulp,	9,652	3,850	13,502	56	150	206	13,708
Paper goods, not elsewhere speci- fied,	2,122	1,552	3,674	161	322	483	4,157
Patent medicines and compounds and druggists' preparations,	644	813	1,457	46	100	146	1,603
Photographic apparatus and mate- rials,	20	6	26	—	2	2	28
Photo-engraving,	362	37	399	24	1	25	424
Plumbers' supplies,	530	27	557	10	2	12	569
Pocketbooks,	95	216	311	9	19	28	339
Pottery,	138	16	154	11	—	11	165
Printing and publishing,	7,496	1,998	9,494	539	123	662	10,156
Refrigerators,	100	—	100	4	—	4	104
Rubber goods, not elsewhere speci- fied,	5,016	672	5,688	152	101	253	5,941
Saddlery and harness,	161	3	164	—	—	—	164
Sausage, not made in slaughtering and meat-packing establish- ments,	287	2	289	10	1	11	300
Screws, machine,	357	22	379	81	35	116	495
Shipbuilding, wooden, including boat building,	422	—	422	4	—	4	426
Shirts,	376	1,293	1,669	15	101	116	1,785
Shoddy, wool,	532	45	627	—	—	—	627
Show cases,	64	—	64	—	—	—	64
Signs and advertising novelties,	187	165	352	10	2	12	364

TABLE IV. WAGE-EARNERS — Concluded.

NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Silk and silk goods, including throwsters,	1,128	2,540	3,668	140	342	482	4,150
Silverware and plated ware,	2,001	372	2,373	102	42	144	2,517
Slaughtering and meat packing,	3,355	17	3,372	62	4	66	3,438
Soap,	373	117	490	11	46	57	547
Sporting and athletic goods,	1,035	267	1,302	66	42	108	1,410
Springs, steel, car and carriage,	38	—	38	—	—	—	38
Stationery goods, not elsewhere specified,	861	1,038	1,899	70	311	381	2,180
Statuary and art goods,	98	1	99	2	—	2	101
Steam fittings and steam and hot- water heating apparatus,	3,971	175	4,146	53	15	68	4,214
Steam packing,	63	—	63	4	—	4	67
Stereotyping and electrotyping,	224	16	240	20	—	20	260
Stoves and hot-air furnaces, except gas and oil stoves,	1,617	3	1,620	21	—	21	1,641
Structural ironwork, not made in steel works or rolling mills,	1,371	—	1,371	22	—	22	1,393
Surgical appliances,	170	72	242	11	13	24	266
Suspenders, garters, and elastic woven goods,	1,068	1,775	2,843	56	283	339	3,182
Tobacco manufactures,	2,322	929	3,251	50	40	90	3,341
Toys and games,	583	306	889	93	74	167	1,056
Trunks and valises,	233	55	288	19	14	33	321
Type founding and printing mate- rials,	76	19	95	1	—	1	96
Upholstering materials,	174	7	181	5	1	6	187
Vinegar and cider,	74	—	74	2	—	2	76
Waste,	696	254	950	1	8	9	959
Watch and clock materials,	60	97	157	8	7	15	172
Whips,	629	251	880	21	9	30	910
Window shades and fixtures,	76	7	83	5	1	6	89
Wire,	3,871	92	3,963	65	8	73	4,036
Wirework, including wire rope and cable,	1,567	361	1,928	106	44	150	2,078
Wood, turned and carved,	1,376	50	1,426	120	7	127	1,553
Wooden goods,	218	21	239	13	—	13	252
Wool scouring,	865	35	900	4	4	8	908
Woolen and worsted goods,	31,355	19,887	51,242	2,296	2,880	5,176	56,418
All other industries,	27,211	6,950	34,161	613	967	1,580	35,741

Automobiles, including Bodies and Parts.	5,390	-	3	18	28	65	64	90	227	215	196	407	485	190	625	938	823	503	238	222
	Adults (18 years of age and over):	-	-	2	20	28	44	65	180	206	194	391	483	190	621	936	823	503	238	222
	Males,	-	-	-	-	9	-	1	7	7	2	14	2	-	4	2	-	-	-	-
	Females,	-	-	10	8	18	20	24	40	2	-	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	126	-	2	10	8	18	20	24	40	2	-	2	-	-	-	-	-	-	-	-
Awnings, Tents, and Sails.	657	-	1	-	14	17	23	37	91	47	12	60	22	11	70	47	77	9	2	7
	Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	-	-	-	4	3	3	9	17	16	9	42	20	10	63	46	77	9	2	7
	Females,	-	1	-	3	9	19	26	74	31	8	8	2	1	7	1	-	-	-	-
Young persons (under 18 years of age),	15	-	-	-	7	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Baskets, and Batten and Willow Ware.	219	-	-	2	2	3	9	14	66	39	18	38	2	5	22	3	6	-	-	-
	Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	-	-	-	-	1	3	10	47	37	18	37	2	5	21	3	6	-	-	-
	Females,	-	-	-	-	1	4	4	7	2	-	1	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),	9	-	-	2	2	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Belting, Leather.	1,631	-	3	9	19	39	45	96	162	211	183	132	130	98	121	201	122	68	23	19
	Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	-	-	-	5	13	18	65	142	194	176	126	130	97	121	200	122	68	23	19
	Females,	-	-	2	3	3	12	16	6	9	4	5	-	1	-	1	-	-	-	-
Young persons (under 18 years of age),	100	-	3	7	11	23	15	15	11	8	3	1	-	-	-	-	-	-	-	-
Belting and Hose, Woven.	244	-	-	8	6	7	9	12	20	23	21	26	19	19	25	16	15	6	-	3
	Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Males,	-	-	3	3	3	1	-	11	12	10	26	16	16	18	14	15	6	-	3
	Females,	-	-	1	1	2	6	12	7	11	9	10	3	3	6	2	-	-	-	-
Young persons (under 18 years of age),	14	-	-	4	1	2	2	-	2	-	2	-	-	-	1	-	-	-	-	-

Boot and Shoe Cut Stock and Findings.	10,116	8	51	931	474	963	995	807	953	835	547	931	790	479	644	617	363	240	140	139
	Adults (18 years of age and over):																			
	Males,	6,505	-	3	23	49	175	277	320	604	450	815	666	457	609	600	355	237	140	125
	Females,	2,769	1	15	121	250	523	557	427	315	94	109	54	21	34	17	7	3	-	4
Young persons (under 18 years of age),	842	7	33	87	175	265	161	60	34	8	3	7	-	1	1	-	-	-	-	-
Boots and Shoes.	91,648	14	249	709	1,758	3,704	4,587	5,108	7,333	6,990	5,539	7,301	6,004	5,016	6,741	7,554	7,340	5,138	4,311	6,094
	Adults (18 years of age and over):																			
	Males,	57,470	-	19	54	242	895	1,304	1,579	2,764	2,749	4,304	3,844	3,504	5,227	6,260	7,037	4,683	4,004	5,985
	Females,	28,311	2	63	168	552	1,458	2,220	2,903	3,807	2,664	2,868	2,117	1,480	1,505	1,285	800	446	207	108
Young persons (under 18 years of age),	5,867	12	167	487	964	1,351	1,003	620	662	246	126	129	43	32	9	9	3	3	-	1
Boots and Shoes, Rubber.	10,183	-	17	106	135	309	493	790	1,369	3,031	1,130	1,005	634	331	433	579	334	309	153	60
	Adults (18 years of age and over):																			
	Males,	5,424	-	-	5	3	25	62	96	517	619	631	481	280	445	553	371	201	152	60
	Females,	4,112	-	2	29	42	149	308	553	799	489	367	153	49	40	26	13	8	-	-
Young persons (under 18 years of age),	646	-	15	72	90	135	123	71	53	53	22	7	-	2	3	-	-	-	-	-
Boxes, Cigar.	186	-	-	3	10	20	31	33	10	13	5	4	5	1	10	17	29	5	4	3
	Adults (18 years of age and over):																			
	Males,	88	-	-	-	5	3	2	2	3	-	3	3	1	8	17	28	5	4	2
	Females,	84	-	-	1	4	12	14	25	9	5	1	2	-	2	-	1	-	-	-
Young persons (under 18 years of age),	14	-	-	2	1	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Boxes, Fancy and Paper.	4,605	4	33	193	337	413	473	533	434	435	313	403	312	184	196	133	111	81	31	39
	Adults (18 years of age and over):																			
	Males,	1,537	-	-	4	12	42	65	113	137	118	241	132	124	162	114	104	80	31	39
	Females,	2,501	2	6	45	184	362	415	349	284	192	158	80	60	34	18	7	1	-	-
Young persons (under 18 years of age),	567	2	27	143	141	95	68	48	23	14	3	4	-	-	-	-	-	-	-	-

Boot and Shoe Cut Stock and Findings.	10,116	8	51	231	474	963	995	907	953	825	547	931	720	479	644	617	362	240	140	129
	Adults (18 years of age and over):																			
	Males,	6,505	-	3	23	49	175	277	320	604	450	815	666	457	609	600	355	237	140	125
	Females,	2,769	1	15	121	250	523	557	427	315	94	109	54	21	34	17	7	3	-	4
Young persons (under 18 years of age),	842	7	33	87	175	265	161	60	34	8	3	7	-	1	1	-	-	-	-	-
Boots and Shoes.	91,643	14	249	709	1,753	3,704	4,587	5,103	7,333	6,920	5,539	7,301	6,004	5,016	6,741	7,554	7,840	5,132	4,811	6,094
	Adults (18 years of age and over):																			
	Males,	57,470	-	19	54	242	895	1,304	1,579	2,704	2,749	4,304	3,844	3,504	5,227	6,260	7,037	4,683	4,004	5,985
	Females,	28,311	2	63	168	552	1,453	2,220	2,903	3,807	2,664	2,868	2,117	1,480	1,505	1,285	800	446	207	108
Young persons (under 18 years of age),	5,867	12	167	487	964	1,351	1,003	620	662	246	126	129	43	32	9	9	3	3	-	1
Boots and Shoes, Rubber.	10,183	-	17	106	135	309	493	790	1,369	2,061	1,130	1,005	634	331	433	579	334	209	152	60
	Adults (18 years of age and over):																			
	Males,	5,424	-	-	5	3	25	63	96	517	619	631	481	280	445	553	371	201	152	60
	Females,	4,112	-	2	29	42	149	308	553	799	489	367	153	49	40	26	13	8	-	-
Young persons (under 18 years of age),	646	-	15	72	90	135	123	71	53	53	22	7	-	2	3	-	-	-	-	-
Bones, Cigar.	186	-	-	3	10	20	21	23	10	12	5	4	5	1	10	17	29	5	4	2
	Adults (18 years of age and over):																			
	Males,	88	-	-	-	5	3	2	2	3	-	3	3	1	8	17	28	5	4	2
	Females,	84	-	-	1	4	12	25	8	9	5	1	2	-	2	-	1	-	-	-
Young persons (under 18 years of age),	14	-	-	2	1	5	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Bones, Fancy and Paper.	4,605	4	33	193	337	418	472	523	484	455	313	403	212	184	196	132	111	81	51	39
	Adults (18 years of age and over):																			
	Males,	1,537	-	-	4	12	42	65	113	137	118	241	132	124	163	114	104	80	31	39
	Females,	2,501	2	6	45	184	304	415	349	284	192	158	80	60	34	18	7	1	-	-
Young persons (under 18 years of age),	567	2	27	143	141	95	68	48	22	14	3	4	-	-	-	-	-	-	-	-

Brooms. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	181	-	8	1	11	9	4	8	18	18	4	18	10	9	11	9	6	-	-
	106	-	-	-	6	4	4	7	11	12	4	13	10	9	11	9	6	-	-
	7	-	-	-	3	2	-	1	1	-	-	-	-	-	-	-	-	-	-
	8	-	2	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	1,391	-	-	1	40	85	69	380	158	101	85	89	57	39	83	85	116	36	17
Brushes. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	697	-	-	-	3	9	15	45	55	44	45	66	39	34	79	79	115	36	17
	613	-	-	-	26	50	42	253	92	56	39	23	17	5	4	6	1	-	-
	81	-	-	1	11	26	12	23	5	1	1	1	1	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	40	-	-	1	1	8	-	8	8	3	4	5	1	3	8	8	5	8	-
Butter. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	40	-	-	1	1	2	-	2	2	3	4	5	1	3	2	2	5	2	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	843	8	4	22	98	213	111	81	68	45	51	33	18	16	18	18	18	15	4
	286	-	-	-	-	18	15	19	27	28	39	29	16	14	13	18	12	13	4
	395	-	-	-	28	171	77	47	35	15	12	4	2	2	-	-	-	2	-
	162	2	4	22	70	24	19	15	4	2	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canning and Preserving. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	8,185	-	54	71	113	989	171	90	100	109	88	174	139	199	222	200	91	40	24
	1,592	-	2	26	30	47	66	57	83	102	88	171	128	197	219	200	91	40	24
	474	-	-	31	66	223	99	27	15	6	-	1	1	2	3	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	119	-	52	14	17	19	6	6	2	1	-	2	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

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TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

	6,116	1	14	79	472	390	630	614	489	260	417	274	264	305	301	304	249	301	317
Clothing, Men's.																			
Adults (18 years of age and over):																			
Males,	2,822	-	1	3	30	34	60	104	179	134	261	186	210	323	239	275	244	201	216
Females,	3,027	1	3	43	411	553	553	404	305	171	155	85	54	40	23	9	8	-	1
Young persons (under 18 years of age),	167	-	10	33	31	20	8	6	5	4	-	2	-	-	-	-	-	-	-
Clothing, Women's.																			
Adults (18 years of age and over):																			
Males,	1,512	-	-	1	17	23	49	31	56	25	61	39	37	92	123	171	180	233	350
Females,	4,659	3	36	126	554	667	765	605	536	285	261	132	131	81	69	23	13	14	19
Young persons (under 18 years of age),	228	-	20	46	56	7	16	1	2	1	1	1	-	-	-	-	-	-	-
Coffee and Spice, Roasting and Grinding.																			
Adults (18 years of age and over):																			
Males,	466	-	-	1	53	33	75	36	63	10	23	23	43	41	40	32	25	3	3
Females,	235	-	-	-	6	2	7	11	10	3	21	23	41	40	40	37	24	6	3
Young persons (under 18 years of age),	171	-	-	-	26	35	66	14	11	2	2	1	2	1	-	1	1	-	-
Young persons (under 18 years of age),	10	-	-	2	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-

\$25
and
Over

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Cotton Goods.	119,109	50	461	1,869	4,888	10,659	18,527	30,008	17,998	13,194	9,178	7,047	4,690	3,418	2,908	1,943	1,048	571	403	649
Adults (18 years of age and over):																				
Males,	59,609	6	8	93	765	2,990	8,095	9,674	7,563	6,450	5,345	4,789	3,711	2,949	2,670	1,851	1,034	571	403	642
Females,	48,468	8	48	340	1,695	5,241	8,097	9,771	9,100	6,454	3,743	2,216	959	465	230	88	13	-	-	-
Young persons (under 18 years of age),	11,025	36	405	1,436	2,362	2,421	2,135	1,157	630	290	90	42	10	4	2	4	1	-	-	-
Cotton Small Wares.	1,957	1	18	100	116	240	146	118	128	95	57	47	26	33	35	21	41	10	11	15
Adults (18 years of age and over):																				
Males,	468	-	1	6	9	23	43	46	80	50	25	30	14	22	31	18	35	9	11	15
Females,	533	-	3	20	29	153	87	65	47	45	31	17	12	10	4	3	6	1	-	-
Young persons (under 18 years of age),	256	1	14	74	78	64	16	7	1	-	-	-	-	-	-	-	-	-	-	-
Outlery and Tools, not elsewhere specified.	7,990	3	23	59	155	393	284	573	764	566	635	733	618	337	541	710	740	309	276	273
Adults (18 years of age and over):																				
Males,	6,774	-	-	2	31	83	115	338	572	521	606	713	613	333	538	709	739	309	275	272
Females,	721	-	-	1	32	150	103	186	160	35	26	16	4	3	3	-	1	-	1	-
Young persons (under 18 years of age),	495	2	23	56	92	155	66	49	32	10	3	4	1	1	-	1	-	-	-	-
Dental Goods.	53	-	-	3	7	6	3	3	-	3	3	4	3	3	3	1	6	3	1	5
Adults (18 years of age and over):																				
Males,	30	-	-	1	1	1	-	-	-	2	2	3	2	2	2	-	5	3	1	5
Females,	11	-	-	-	-	2	2	2	-	1	-	1	-	1	-	1	1	-	-	-
Young persons (under 18 years of age),	12	-	-	2	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Dyeing and Finishing Textiles.	13,039	-	6	81	397	981	1,851	3,914	3,438	1,151	538	563	371	278	234	318	241	179	110	373
Adults (18 years of age and over):																				
Males,	10,156	-	-	1	19	140	1,068	2,574	2,207	969	471	508	353	262	320	317	237	178	110	372
Females,	2,065	-	-	-	119	550	583	288	218	138	67	49	17	16	14	1	4	1	-	-
Young persons (under 18 years of age),	811	-	6	80	189	291	170	52	13	4	-	5	1	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

	14	70	868	870	880	1,463	1,900	1,484	1,933	1,963	1,965	1,983	1,997	2,400	1,940	1,961	1,008	788
electrical machinery, apparatus, and supplies.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	-	7	118	146	225	494	1,055	871	1,019	1,101	1,185	1,007	1,181	2,439	1,917	1,000	1,008	788
Females,	-	2	229	412	300	571	584	417	222	115	96	17	17	10	-	1	-	-
Young persons (under 18 years of age).	-	61	319	312	235	397	390	96	41	12	14	9	9	24	23	-	-	-
Electroplating.	-	8	8	16	18	9	18	17	6	26	14	18	20	27	60	20	9	9
Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	-	1	-	11	12	7	15	17	6	21	14	19	20	21	60	26	9	9
Females,	-	-	-	2	2	1	2	-	-	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age).	-	2	8	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-
Enameling and Japanning.	-	7	11	16	18	18	39	12	1	10	7	5	10	9	3	3	3	3
Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	-	-	-	2	4	1	22	13	-	9	7	5	10	9	3	3	2	2
Females,	-	1	5	6	7	16	7	5	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age).	-	6	6	7	7	1	-	-	1	-	-	-	-	-	-	-	-	-

\$25
and
Over

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TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER															\$25 and Over	
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Firearms.	3,643	-	16	10	23	64	114	73	126	261	363	473	363	229	173	431	275	100
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	3,528	-	-	-	-	40	103	63	130	331	473	-	363	230	173	431	275	100
Females,	16	-	-	-	-	4	7	1	3	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	79	-	15	16	23	16	5	3	2	-	-	-	-	-	-	-	-	-
Flavoring Extracts.	130	-	-	-	19	13	17	14	13	10	6	6	6	6	6	8	1	1
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	54	-	-	-	-	2	3	2	4	7	4	3	2	5	3	4	1	1
Females,	66	-	-	-	13	9	14	12	14	3	1	-	-	1	-	1	-	-
Young persons (under 18 years of age),	8	-	-	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-
Flour-mill and Grindmill Products.	143	-	-	-	-	-	-	1	6	6	6	43	30	10	33	13	10	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	136	-	-	-	-	-	-	1	6	6	6	43	30	10	33	13	10	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations.	611	-	7	33	7	71	24	46	33	47	33	130	31	29	34	33	24	7
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	432	-	-	-	-	5	8	35	24	44	34	116	31	27	32	32	24	7
Females,	154	-	-	23	6	56	15	32	5	3	4	4	-	2	2	-	-	-
Young persons (under 18 years of age),	25	-	7	5	1	8	1	1	-	1	-	1	-	-	-	-	-	-

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Gold and Silver, Leaf and Foll.	196	1	4	9	10	13	13	13	11	5	6	8	9	9	1	4	13	5	6	4
Adults (18 years of age and over):																				
Males,	56	-	-	-	-	1	4	1	8	2	1	4	-	2	1	4	13	5	6	4
Females,	66	1	4	7	10	10	8	12	3	3	2	4	2	-	-	-	-	-	-	-
Young persons (under 18 years of age),	4	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gold and Silver, Reducing and Refining, not from the Ore.	19	-	-	-	-	-	-	-	-	-	-	3	3	4	3	3	1	-	3	3
Adults (18 years of age and over):																				
Males,	19	-	-	-	-	-	-	-	-	-	-	3	2	4	2	3	1	-	2	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.	662	-	1	-	-	3	4	25	27	91	71	159	76	37	75	37	24	16	5	13
Adults (18 years of age and over):																				
Males,	655	-	-	-	-	-	3	23	27	90	71	159	76	37	75	37	24	16	5	12
Females,	5	-	-	-	-	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Hand Stamps and Stencils and Brands.	108	1	-	3	6	11	10	7	6	8	1	6	-	4	7	4	15	7	4	8
Adults (18 years of age and over):																				
Males,	81	-	-	-	-	6	4	3	5	8	-	6	-	4	7	4	15	7	4	8
Females,	9	-	-	-	-	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	1	-	3	5	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-
Hardware.	1,607	-	1	64	46	91	97	237	155	133	56	139	70	40	103	109	166	51	31	39
Adults (18 years of age and over):																				
Males,	1,315	-	-	-	3	23	43	209	128	124	51	135	70	40	103	109	166	51	31	29
Females,	93	-	-	3	7	9	20	19	21	6	5	3	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	199	-	1	51	36	59	34	9	6	2	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

\$25 and Over	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Under \$1
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TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

	Under \$25	25 and Over	2	2	1	1	2	2	1	1	2	2	1	1
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Jewelry.	Adults (18 years of age and over):	6,588	2	10	76	206	484	447	697	689	409	418	362	456	269	326	648	440	288	266	368
	Males,	4,186	-	-	2	14	58	66	235	234	199	285	260	394	252	299	542	439	278	263	366
	Females,	2,062	-	4	22	85	281	352	435	339	206	131	102	41	17	26	6	7	4	2	2
	Young persons (under 18 years of age),	335	2	12	51	107	85	29	27	16	4	2	-	-	-	-	-	-	-	-	-
Jewelry and Instrument Cases.	Adults (18 years of age and over):	578	1	4	8	65	40	61	74	33	27	10	12	13	6	8	8	9	1	8	3
	Males,	96	-	-	-	-	1	8	7	13	8	3	8	8	5	6	8	9	1	8	3
	Females,	226	1	2	-	35	29	43	62	20	17	6	4	5	-	2	-	-	-	-	-
	Young persons (under 18 years of age),	56	-	2	8	18	10	10	5	-	2	1	-	-	-	-	-	-	-	-	-
Labels and Tags.	Adults (18 years of age and over):	30	-	-	-	4	3	4	6	-	1	-	3	-	1	4	-	1	1	3	1
	Males,	14	-	-	-	-	-	-	1	-	1	-	2	-	1	3	-	1	1	3	1
	Females,	11	-	-	-	1	-	4	4	-	-	-	1	-	-	1	-	-	-	-	-
	Young persons (under 18 years of age),	5	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lamps and Reflectors.	Adults (18 years of age and over):	320	-	-	4	9	23	17	17	41	23	14	20	16	11	27	24	28	11	23	8
	Males,	200	-	-	3	2	6	5	5	35	23	14	20	16	11	26	24	28	11	23	8
	Females,	28	-	-	1	1	3	4	7	6	5	-	-	-	-	1	-	-	-	-	-
	Young persons (under 18 years of age),	32	-	-	-	6	13	8	5	-	-	-	-	-	-	-	-	-	-	-	-
Lasts.	Adults (18 years of age and over):	1,090	-	-	3	4	18	23	16	63	43	30	22	94	28	119	98	150	109	73	123
	Males,	1,022	-	-	-	2	2	8	12	59	33	29	28	93	28	118	97	150	108	72	123
	Females,	19	-	-	-	1	3	3	1	2	4	-	3	-	-	-	1	-	1	1	-
	Young persons (under 18 years of age),	49	-	-	3	1	14	12	3	7	5	1	1	1	-	1	-	-	-	-	-

TABLE V. WAGES -- Continued.
 CLASSIFIED WEEKLY WAGES: BY INDUSTRIES -- 1915 -- Continued.

	Under \$1.00	\$1.00 and over	Total	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
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[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

[illegible]

Oil, not elsewhere Specified.	310	-	1	-	-	4	5	6	20	63	39	69	96	17	23	16	12	3	6
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	297	-	1	-	-	1	1	2	17	61	39	69	26	17	28	16	12	-	-
Females,	11	-	-	-	-	2	2	2	3	2	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Paints and Varnishes.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):	563	-	-	3	7	18	26	6	33	20	65	99	47	23	41	35	26	16	4
Males,	506	-	-	1	3	3	13	1	25	30	64	99	47	26	41	35	26	16	4
Females,	34	-	-	-	2	11	8	4	6	-	1	-	-	2	-	-	-	-	-
Young persons (under 18 years of age),	14	-	-	2	2	4	4	1	1	-	-	-	-	-	-	-	-	-	-
Paper and Wood Pulp.		-	-	19	73	973	1,992	1,053	2,216	2,357	1,359	1,436	681	439	544	573	788	297	193
Adults (18 years of age and over):	14,533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	9,959	-	-	-	1	19	55	105	1,479	2,103	1,199	1,389	660	419	527	564	788	297	193
Females,	4,078	-	-	10	60	911	1,181	904	713	150	59	34	20	10	17	9	-	-	-
Young persons (under 18 years of age),	196	-	-	9	11	43	56	44	24	4	1	3	1	-	-	-	-	-	-
Paper Goods, not elsewhere Specified.		-	9	46	383	437	431	375	402	399	195	364	305	157	200	193	233	131	79
Adults (18 years of age and over):	4,296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	2,164	-	-	-	8	27	30	85	200	235	116	300	176	113	181	184	239	130	78
Females,	1,643	-	3	17	236	257	321	237	183	157	78	62	29	24	19	9	4	1	1
Young persons (under 18 years of age),	489	-	6	29	144	153	80	53	14	7	1	2	-	-	-	-	-	-	-
Patent Medicines and Compounds and Druggists' Preparations.		-	11	23	111	367	257	203	127	116	71	144	49	43	83	57	73	33	18
Adults (18 years of age and over):	1,834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	723	-	1	1	6	23	46	52	62	59	30	104	33	28	74	53	65	30	14
Females,	953	-	2	10	43	290	196	151	65	56	41	40	16	14	9	4	7	3	4
Young persons (under 18 years of age),	158	-	8	17	63	55	15	-	-	1	-	-	-	-	-	-	-	-	-

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER					\$25 and Over
		\$5 and Under	\$6 and Under	\$7 and Under	\$8 and Under	\$9 and Under	
Sausage, not made in slaughtering and Meat-Packing Establishments.	312						
Adults (18 years of age and over):	300						
Males,	2						
Females,	10						
Young persons (under 18 years of age),	607						
Brews, Machine.							
Adults (18 years of age and over):	344						
Males,	23						
Females,	121						
Young persons (under 18 years of age),							
Shipbuilding. Wooden, including Boat Building.	1,026						
Adults (18 years of age and over):	1,021						
Males,	-						
Females,	5						
Young persons (under 18 years of age),							

Shirts. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age).	1,926	-	20	23	99	344	210	259	240	309	145	73	41	37	23	40	28	16	18	9
	435	-	-	-	1	13	11	23	40	118	48	18	19	25	22	34	26	16	12	9
	1,365	-	6	15	73	291	177	231	195	186	94	54	22	12	1	6	2	-	-	-
	126	-	14	8	25	40	22	5	5	5	1	1	-	-	-	-	-	-	-	-
Shoddy, Wool. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age).	779	-	-	-	1	45	20	111	227	208	21	17	23	32	23	15	12	16	5	3
	725	-	-	-	1	6	13	104	227	208	21	16	23	32	23	15	12	16	5	3
	54	-	-	-	-	39	7	7	-	-	-	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Show-Cases. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age).	68	-	-	-	-	-	-	1	2	1	2	8	1	3	8	9	14	11	6	3
	68	-	-	-	-	-	-	1	2	1	2	8	1	3	8	9	14	11	6	2
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age).	419	-	3	18	24	43	23	31	23	41	12	22	15	9	26	29	27	19	27	18
	221	-	-	2	1	1	6	10	11	8	3	18	7	8	26	29	27	19	27	18
	175	-	2	12	16	33	21	19	17	33	9	4	8	1	-	-	-	-	-	-
	23	-	1	4	7	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Silk and Silk Goods, Including Throwsters. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age).	4,191	-	3	36	125	308	463	521	526	473	400	478	314	160	126	92	46	25	20	15
	1,158	-	-	-	18	20	72	80	87	149	88	131	130	108	101	80	36	24	19	15
	2,576	-	-	1	77	199	249	376	415	317	312	347	184	51	25	11	10	1	1	-
	457	-	3	35	90	89	142	65	24	7	-	-	-	1	-	1	-	-	-	-

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			Un- der \$5	\$5 and Over					
		\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19			\$20	\$21	\$22	\$23	\$24	$25
Stereotyping and Electrotyping.																											
Adults (18 years of age and over):	271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.																											
Adults (18 years of age and over):	1,706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Structural Iron Work, not made in Steel Works or Rolling Mills.																											
Adults (18 years of age and over):	1,706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,667	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	1980	-	-	4	21	27	30	9	36	41	15	13	8	7	9	13	17	8	8	14
Surgical Appliances.																				
Adults (18 years of age and over):																				
Males,	172	-	-	1	1	-	2	2	26	36	13	10	8	6	8	12	17	8	8	14
Females,	83	-	-	10	24	25	24	6	6	5	1	3	-	1	1	1	-	-	-	-
Young persons (under 18 years of age),	25	-	-	3	10	2	4	1	4	-	1	-	-	-	-	-	-	-	-	-
Suspenders, Garters, and Elastic Woven Goods.																				
Adults (18 years of age and over):																				
Males,	3,275	-	15	89	204	242	303	385	333	366	253	224	127	111	135	159	151	83	64	51
Females,	1,077	-	-	-	10	13	25	53	70	85	85	94	64	66	89	108	127	77	60	51
Young persons (under 18 years of age),	1,833	-	1	7	84	153	225	316	258	278	168	127	63	44	45	31	24	5	4	-
Young persons (under 18 years of age),	365	-	14	82	110	76	53	16	5	3	-	3	-	1	1	-	-	1	-	-
Tobacco Manufactures.																				
Adults (18 years of age and over):																				
Males,	4,175	-	41	54	100	137	227	243	185	188	72	113	119	143	224	447	430	446	495	499
Females,	3,033	-	7	10	22	17	36	40	41	62	56	96	111	130	211	405	394	434	473	488
Young persons (under 18 years of age),	1,046	-	27	28	60	101	244	196	141	66	16	17	8	13	13	42	36	12	22	4
Young persons (under 18 years of age),	96	-	7	16	27	19	17	7	3	-	-	-	-	-	-	-	-	-	-	-
Toys and Games.																				
Adults (18 years of age and over):																				
Males,	1,546	-	5	58	120	135	168	143	214	173	92	117	57	28	50	41	38	28	19	10
Females,	799	-	1	1	11	17	25	65	140	123	66	98	51	22	48	39	35	28	19	10
Young persons (under 18 years of age),	485	-	2	7	54	98	79	70	66	47	24	19	6	6	2	2	3	-	-	-
Young persons (under 18 years of age),	262	-	2	50	55	70	64	8	8	3	2	-	-	-	-	-	-	-	-	-
Trunks and Valises.																				
Adults (18 years of age and over):																				
Males,	476	-	1	13	22	26	33	34	43	41	10	43	20	24	54	29	27	14	9	9
Females,	333	-	-	1	6	8	13	19	28	25	8	41	26	22	50	28	27	14	8	9
Young persons (under 18 years of age),	96	-	-	1	6	19	13	14	11	13	2	6	3	2	4	1	-	-	1	-
Young persons (under 18 years of age),	47	-	1	11	10	9	6	1	4	3	-	1	1	-	-	-	-	-	-	-

Waste.	Adults (18 years of age and over):	974	-	-	-	84	109	48	161	129	176	93	68	56	30	15	17	18	2	1	5
	Males,	699	-	-	-	-	-	-	119	114	166	87	63	50	30	15	17	18	2	1	5
	Females,	266	-	-	-	34	103	47	42	14	10	6	4	6	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	9	-	-	-	-	6	1	-	1	-	-	1	-	-	-	-	-	-	-	-
Watch and Clock Materials.	Adults (18 years of age and over):	187	-	-	-	5	16	23	21	21	17	13	4	6	4	8	3	11	9	11	7
	Males,	65	-	-	-	-	2	-	1	1	2	2	-	1	1	7	3	10	9	11	7
	Females,	111	-	-	-	-	12	20	19	20	15	11	4	5	3	1	-	1	-	-	-
	Young persons (under 18 years of age),	11	-	-	-	5	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Whips.	Adults (18 years of age and over):	262	-	-	-	8	64	89	62	124	103	135	71	112	55	21	43	16	9	7	7
	Males,	666	-	-	-	-	10	18	12	56	82	114	63	110	55	21	47	16	9	7	7
	Females,	265	-	-	-	4	34	62	47	66	20	21	8	2	-	-	1	-	-	-	-
	Young persons (under 18 years of age),	81	-	-	-	4	10	9	3	2	1	-	-	-	-	-	-	-	-	-	-
Window Shades and Fixtures.	Adults (18 years of age and over):	176	-	-	-	1	5	-	10	6	13	16	14	35	17	6	21	12	5	3	1
	Males,	142	-	-	-	-	-	-	-	1	12	14	13	31	17	6	21	12	5	3	1
	Females,	26	-	-	-	-	-	-	9	4	6	2	1	4	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	8	-	-	-	1	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Wire.	Adults (18 years of age and over):	4,042	-	-	-	5	16	37	45	103	197	576	249	317	289	205	413	501	298	214	91
	Males,	3,876	-	-	-	-	4	6	22	65	174	561	241	316	286	202	410	501	298	214	91
	Females,	92	-	-	-	-	4	14	13	21	14	10	6	1	3	2	3	-	-	-	-
	Young persons (under 18 years of age),	74	-	-	-	5	8	17	10	17	9	5	2	-	-	1	-	-	-	-	-

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Concluded.

	\$25 and Over	100	100	1	1	12	12	1	1	1	1	1	1
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Wool Scouring.		943	-	-	-	-	9	30	16	114	286	98	114	39	12	11	117	46	30	14	4	10
Adults (18 years of age and over):																						
Males,		904	-	-	-	-	-	2	13	109	286	98	113	39	12	11	117	46	30	14	4	10
Females,		32	-	-	-	-	1	23	2	5	-	-	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		7	-	-	-	-	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolen and Worsted Goods.		61,033	7	87	336	1,468	6,480	8,364	9,914	7,904	5,128	4,281	4,395	2,976	2,640	2,472	2,230	1,864	559	302	326	
Adults (18 years of age and over):																						
Males,		32,774	-	2	18	98	918	2,505	5,530	4,194	2,883	2,687	2,954	2,137	1,998	2,039	1,907	1,750	538	291	325	
Females,		22,028	-	5	52	405	3,330	4,250	3,831	2,716	2,141	1,552	1,414	817	625	426	319	112	21	11	1	
Young persons (under 18 years of age),		6,231	7	80	326	965	2,172	1,609	553	294	104	42	27	22	17	7	4	2	-	-	-	
All Other Industries.		40,049	4	74	333	968	1,758	3,147	2,742	3,501	2,998	2,401	3,263	2,608	2,102	2,798	3,474	3,193	1,696	1,580	1,431	
Adults (18 years of age and over):																						
Males,		29,631	1	1	20	108	232	330	859	2,294	2,112	2,018	3,044	2,521	2,044	2,752	3,447	3,173	1,689	1,556	1,430	
Females,		8,432	1	17	103	437	905	2,451	1,687	1,141	857	374	212	86	57	46	26	20	7	4	1	
Young persons (under 18 years of age),		1,986	2	56	210	421	621	366	196	66	29	9	7	1	1	-	1	-	-	-	-	

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,797	286.6	The State — Con.		
Agricultural implements,	4	304.5	Copper, tin, and sheet-iron products,	125	297.8
Artificial limbs,	6	271.8	Cordage and twine, and jute goods,	14	287.6
Artificial stone products,	36	240.5	Corsets,	11	297.8
Automobiles, including bodies and parts,	75	294.5	Cotton goods,	174	282.8
Awnings, tents, and sails,	53	268.5	Cotton small wares,	23	288.3
Baskets, and rattan and willow ware,	13	277.3	Cutlery and tools, not elsewhere specified,	140	280.4
Belting, leather,	18	304.3	Dental goods,	7	305.0
Belting and hose, woven,	6	287.7	Dyeing and finishing textiles,	56	283.3
Billiard tables and materials,	6	304.2	Dyestuffs and extracts,	15	297.6
Blacking, stains, and dressing,	48	288.1	Electrical machinery, apparatus, and supplies,	90	287.9
Bookbinding and blank-book making,	83	298.5	Electroplating,	45	303.3
Boot and shoe cut stock and findings,	402	284.7	Enameling and japaning,	13	274.8
Boots and shoes,	444	278.7	Engraving and diesinking,	29	275.9
Boots and shoes, rubber,	8	291.5	Engraving, steel and copper plate, including plate printing,	17	304.9
Boxes, cigar,	5	288.4	Envelopes,	13	296.0
Boxes, fancy and paper,	94	289.4	Fancy articles, not elsewhere specified,	17	292.5
Boxes, wooden packing,	96	282.6	Felt goods,	12	280.3
Brass, bronze, and copper products,	61	297.0	Firearms,	6	256.8
Bread and other bakery products,	1,088	295.8	Flavoring extracts,	21	297.0
Brick and tile,	44	183.8	Flour-mill and gristmill products,	83	258.4
Brooms,	20	263.4	Food preparations,	39	261.6
Brushes,	29	290.8	Foundry and machine-shop products,	643	293.6
Butter,	16	265.3	Fur goods,	13	259.5
Buttons,	12	289.2	Furnishing goods, men's,	12	276.5
Canning and preserving,	58	268.8	Furniture,	119	288.0
Carpets and rugs, other than rag,	13	265.7	Galvanizing,	8	301.7
Carpets, rag,	21	278.1	Gas and electric fixtures,	14	287.6
Carriages and sleds, children's,	8	290.6	Gas, illuminating and heating,	50	350.8
Carriages and wagons and materials,	119	294.1	Glass cutting, staining, and ornamenting,	31	280.8
Cars and general shop construction and repairs by steam-railroad companies,	11	282.5	Glue,	9	281.0
Chemicals,	26	278.7	Gold and silver, leaf and foil,	10	262.0
Cleansing and polishing preparations,	17	303.5	Gold and silver, reducing and refining, not from the ore,	6	306.0
Cloth, sponging and re-finishing,	4	305.0	Grease and tallow,	32	280.0
Clothing, men's,	196	282.2	Hand stamps and stencils and brands,	22	294.6
Clothing, women's,	167	278.4	Hardware,	33	275.7
Coffee and spice, roasting and grinding,	20	283.6	Hats and caps, other than felt, straw, and wool,	23	278.3
Coffins, burial cases, and undertakers' goods,	12	297.7	Hats, fur-felt,	6	293.5
Combs and hairpins,	31	286.2	Hats, straw,	21	237.7
Confectionery and ice cream,	230	287.7	Hosiery and knit goods,	59	277.8
Confectionery,	131	282.5	House-furnishing goods, not elsewhere specified,	23	296.6
Ice cream,	99	294.5			
Cooperage,	36	215.3			

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Es- tablish- ments	Average Number of Days in Oper- ation	INDUSTRIES.	Number of Es- tablish- ments	Average Number of Days in Oper- ation
The State — Con.			The State — Con.		
Ice, manufactured,	7	297.0	Photographic apparatus and materials,	4	303.3
Instruments, professional and scientific,	21	271.4	Photo-engraving,	25	305.0
Iron and steel, steel works and rolling mills,	11	278.6	Plumbers' supplies,	17	272.8
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	8	293.5	Pocketbooks,	10	277.2
Iron and steel forgings,	11	287.6	Pottery,	8	286.9
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	27	285.8	Printing and publishing,	641	304.7
Jewelry,	159	270.5	Refrigerators,	11	296.6
Jewelry and instrument cases,	10	300.2	Rubber goods, not else- where specified,	36	273.5
Labels and tags,	6	305.0	Saddlery and harness,	34	302.6
Lamps and reflectors,	6	298.2	Sausage, not made in slaughtering and meat- packing establish- ments,	48	298.2
Lasts,	32	288.5	Screws, machine,	16	293.3
Leather goods, not else- where specified,	37	281.4	Shipbuilding, wooden, including boat-building,	61	277.6
Leather, tanned, curried and finished,	122	284.4	Shirts,	13	279.8
Lime,	10	298.2	Shoddy, wool,	19	278.0
Linen goods,	7	282.9	Show cases,	11	304.5
Liquors, distilled,	7	293.0	Signs and advertising novelties,	17	275.3
Liquors, malt,	27	280.3	Silk and silk goods, in- cluding throwsters,	17	290.6
Lithographing,	14	302.0	Silverware and plated ware,	22	276.9
Looking-glass and picture frames,	22	290.3	Slaughtering and meat- packing,	36	257.9
Lumber and timber prod- ucts,	105	189.0	Soap,	32	264.5
Lumber, planing-mill products,	190	278.1	Sporting and athletic goods,	16	301.2
Marble and stone work,	100	256.5	Springs, steel, car and carriage,	6	294.2
Mattresses and spring beds,	51	302.3	Stationery goods, not elsewhere specified,	29	285.8
Millinery and lace goods,	58	290.9	Statuary and art goods,	11	295.8
Mineral and soda waters,	122	277.2	Steam fittings and steam and hot-water heating apparatus,	28	280.6
Mirrors,	8	303.4	Steam packing,	9	296.9
Models and patterns, not including paper pat- terns,	57	301.4	Stereotyping and electro- typing,	16	293.6
Monuments and tomb- stones,	178	277.5	Stoves and hot-air fur- naces, except gas and oil stoves,	14	239.1
Mucilage and paste,	17	279.1	Structural ironwork, not made in steel works or rolling mills,	47	300.0
Musical instruments and materials not specified,	16	300.9	Surgical appliances,	12	291.8
Musical instruments, pi- anos and organs, and materials,	47	283.8	Suspenders, garters, and elastic woven goods,	29	296.4
Oil, not elsewhere speci- fied,	14	299.2	Tobacco manufactures,	248	282.4
Paints and varnishes,	31	297.0	Toys and games,	18	253.2
Paper and wood pulp,	86	255.7	Trunks and valises,	20	297.8
Paper goods, not else- where specified,	49	286.8	Type founding and print- ing materials,	6	292.5
Patent medicines and compounds and drug- gists' preparations,	91	280.9	Upholstering materials,	6	303.0
			Vinegar and cider,	33	128.5
			Waste,	8	295.8
			Watch and clock materi- als,	6	279.7

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Whips,	19	280.6	Wooden goods,	22	279.8
Window shades and fixtures,	18	290.5	Wool scouring,	10	299.6
Wire,	8	303.9	Woolen and worsted goods,	156	281.8
Wirework, including wire rope and cable,	32	275.2	Other industries,	260	285.2
Wood, turned and carved,	53	280.5			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,707	286.6	The State — Con.		
Abington,	18	281.8	Douglas,	6	226.3
Acton,	12	278.4	Dudley,	10	270.4
Adams,	27	298.0	Easthampton,	21	285.4
Amesbury,	50	276.7	Easton,	8	282.7
Amherst,	19	276.8	Erving,	5	285.3
Andover,	11	290.0	Essex,	4	206.3
Arlington,	16	284.7	EVERETT,	76	298.2
Ashburnham,	11	246.1	FALL RIVER,	267	295.6
Athol,	31	293.3	FITCHBURG,	112	282.8
ATTLEBORO,	129	278.6	Foxborough,	13	252.4
Ayer,	11	282.8	Framingham,	42	288.4
Barnstable,	9	240.6	Franklin,	24	282.4
Barre,	7	299.1	Gardner,	54	275.1
Becket,	6	280.0	Georgetown,	7	246.2
Belmont,	6	267.2	GLOUCESTER,	81	291.7
BEVERLY,	55	291.6	Grafton,	11	279.3
Billerica,	8	287.9	Great Barrington,	17	291.7
BOSTON,	2,427	292.6	Greenfield,	45	293.7
Braintree,	18	298.0	Hanover,	7	276.9
Bridgewater,	17	279.2	Hanson,	4	292.7
BROCKTON,	208	293.5	HAVERHILL,	364	290.6
Brookfield,	4	276.3	Hingham,	8	273.2
Brookline,	16	303.0	HOLYOKE,	170	288.6
CAMBRIDGE,	285	295.2	Hudson,	27	286.9
Canton,	13	290.8	Kingston,	8	278.5
Carver,	7	172.6	LAWRENCE,	184	295.7
CHELSEA,	108	291.4	Lee,	18	279.6
Chester,	6	279.7	Leicester,	10	278.7
CHICOPEE,	49	285.1	Leominster,	69	285.5
Clinton,	27	289.3	Lexington,	6	266.5
Concord,	7	287.3	LOWELL,	249	295.0
Dalton,	8	288.4	LYNN,	402	291.4
Danvers,	24	279.0	MALDEN,	75	287.6
Dartmouth,	5	184.4	Manchester,	6	285.5
Dedham,	13	285.9	Mansfield,	22	262.4
Deerfield,	7	251.6	Marblehead,	24	281.7
Dighton,	9	274.3	MARLBOROUGH,	35	285.6
			MEDFORD,	38	296.2

TABLE VI. DAYS IN OPERATION — Concluded.
 B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation	CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation
The State — Con.			The State — Con.		
Medway,	9	273.7	Rockport,	14	241.2
MELROSE,	21	298.2	Rowley,	8	303.9
Merrimac,	6	293.2	SALEM,	128	291.3
Methuen,	22	288.3	Saugus,	4	223.8
Middleborough,	26	265.3	Shelburne,	7	258.5
Milford,	48	290.1	Shirley,	5	231.4
Millbury,	24	290.0	SOMERVILLE,	120	297.6
Milton,	4	235.0	South Hadley,	11	271.3
Monson,	8	273.3	Southbridge,	30	288.8
Montague,	16	281.0	Spencer,	15	300.5
Natick,	33	281.5	SPRINGFIELD,	297	294.5
Needham,	19	291.9	Stoneham,	21	291.7
NEW BEDFORD,	201	293.7	Stoughton,	19	282.2
NEWBURYPORT,	52	290.4	Swampscott,	5	282.0
NEWTON,	45	291.4	TAUNTON,	102	269.0
NORTH ADAMS,	60	302.0	Templeton,	16	252.7
North Andover,	9	304.0	Townsend,	7	272.8
North Attleborough,	65	263.4	Uxbridge,	11	288.6
North Brookfield,	8	300.6	Wakefield,	19	293.6
North Reading,	6	303.0	Walpole,	13	274.5
NORTHAMPTON,	61	282.0	WALTHAM,	75	294.9
Northborough,	4	305.0	Ware,	20	298.1
Northbridge,	15	288.1	Wareham,	13	249.6
Norton,	6	248.3	Warren,	6	265.5
Norwood,	22	283.4	Watertown,	15	296.2
Orange,	17	279.9	Wellesley,	6	299.5
Oxford,	8	294.1	West Springfield,	17	295.6
Palmer,	18	292.1	West Stockbridge,	9	299.2
Peabody,	79	286.8	Westborough,	14	272.9
Pepperell,	7	255.4	Westfield,	75	289.0
PITTSFIELD,	63	293.8	Westford,	16	241.3
Plainville,	6	281.3	Weymouth,	30	285.8
Plymouth,	25	283.6	Whitman,	19	277.3
QUINCY,	157	284.9	Williamsburg,	10	290.6
Randolph,	9	290.9	Winchendon,	19	298.6
Raynham,	10	249.4	Winchester,	16	275.4
Reading,	16	285.1	Winthrop,	5	240.0
REVERE,	13	284.9	WOBURN,	49	290.7
Rochester,	6	218.6	WORCESTER,	508	290.7
Rockland,	20	278.6			

LAUNDRIES.

TABLE VII. STEAM LAUNDRIES — 1909-1915.

CITIES AND TOWNS.					Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
The State.										
1909,	.	.	.	.	280	\$2,951,025	\$903,845	5,958	\$2,582,593	\$5,754,572
1912,	.	.	.	.	329	4,120,488	1,087,794	7,357	3,395,861	7,773,956
1913,	.	.	.	.	377	4,542,318	1,259,655	8,100	3,884,570	8,781,826
1914,	.	.	.	.	391	4,695,798	1,391,900	7,771	3,721,409	8,661,830
1915,	.	.	.	.	376	5,037,974	1,418,801	7,757	3,978,761	8,675,570
ATTLEBORO.										
1914,	.	.	.	.	4	\$28,361	\$5,041	40	\$18,904	\$36,904
1915,	.	.	.	.	4	31,794	5,845	43	21,455	38,872
BEVERLY.										
1909,	.	.	.	.	3	\$16,995	\$6,023	44	\$12,014	\$34,950
1912,	.	.	.	.	4	22,492	12,551	84	36,422	82,045
1913,	.	.	.	.	4	28,376	11,325	78	36,334	75,645
1914,	.	.	.	.	4	27,943	10,033	66	30,175	81,840
1915,	.	.	.	.	4	17,540	9,762	74	38,131	70,303
BOSTON.										
1909,	.	.	.	.	56 ¹	\$712,354	\$264,716	1,725	\$711,344	\$1,601,131
1912,	.	.	.	.	58	991,344	287,179	2,093	943,267	2,118,780
1913,	.	.	.	.	63	1,110,791	340,209	2,333	1,062,680	2,411,416
1914,	.	.	.	.	55	1,108,103	363,223	2,127	941,278	2,297,350
1915,	.	.	.	.	57	1,149,979	399,499	2,132	1,068,852	2,286,669
BROCKTON.										
1909,	.	.	.	.	3	\$51,687	\$18,441	116	\$57,884	\$115,368
1912,	.	.	.	.	5	79,625	21,373	149	82,260	164,117
1913,	.	.	.	.	5	73,141	21,222	134	88,610	165,501
1914,	.	.	.	.	6	120,999	18,825	140	81,475	160,609
1915,	.	.	.	.	4	150,543	24,682	133	75,798	155,880
CAMBRIDGE.										
1909,	.	.	.	.	7	\$349,011	\$67,235	481	\$216,961	\$494,843
1912,	.	.	.	.	8	266,086	81,593	531	253,184	564,335
1913,	.	.	.	.	9	297,877	72,601	518	259,875	592,286
1914,	.	.	.	.	9	367,717	66,962	448	224,900	563,183
1915,	.	.	.	.	8	380,932	84,495	498	231,790	541,473
CHELSEA.										
1914,	.	.	.	.	4	\$31,200	\$12,032	62	\$29,405	\$64,440
1915,	.	.	.	.	3	23,638	9,600	55	32,153	65,500
CHICOPEE.										
1914,	.	.	.	.	3	\$16,916	\$5,843	26	\$10,745	\$28,175
1915,	.	.	.	.	4	18,470	6,246	25	12,776	32,755
EVERETT.										
1914,	.	.	.	.	3	\$31,782	\$15,009	76	\$27,603	\$82,352
1915,	.	.	.	.	3	31,039	14,576	74	37,734	79,373
FALL RIVER.										
1909,	.	.	.	.	10	\$198,243	\$36,476	190	\$97,652	\$216,838
1912,	.	.	.	.	13	223,941	44,453	244	107,373	243,005
1913,	.	.	.	.	13	242,382	51,543	247	128,224	299,194
1914,	.	.	.	.	13	263,308	63,111	250	137,099	302,077
1915,	.	.	.	.	13	245,329	64,652	236	138,973	304,129
FITCHBURG.										
1909,	.	.	.	.	4	\$17,211	\$6,290	63	\$25,197	\$52,096
1912,	.	.	.	.	5	33,709	16,513	86	34,600	75,448
1913,	.	.	.	.	5	35,950	9,362	89	36,197	79,102
1914,	.	.	.	.	5	37,198	12,851	83	36,529	68,252
1915,	.	.	.	.	4	30,820	7,931	83	35,083	64,657

¹ Including three laundries in Hyde Park, which was annexed to Boston in 1912.

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
HAVERHILL.						
1909,	6	\$23,320	\$10,469	87	\$40,940	\$36,034
1912,	15	57,801	26,350	146	75,670	153,227
1913,	15	99,855	24,443	174	79,213	178,597
1914,	16	65,050	32,192	171	82,007	180,000
1915,	16	76,198	27,084	164	86,941	183,061
HOLYOKE.						
1909,	4	\$72,610	\$19,605	78	\$39,860	\$32,800
1912,	5	99,863	18,528	79	38,312	109,698
1913,	5	115,257	16,070	94	45,990	113,617
1914,	5	88,030	16,242	68	36,312	95,481
1915,	5	104,847	14,572	72	35,129	92,420
LAWRENCE.						
1909,	9	\$40,220	\$10,679	68	\$26,024	\$66,405
1912,	10	62,270	17,283	104	46,649	148,760
1913,	9	54,086	23,292	112	54,191	132,250
1914,	11	64,900	23,535	123	58,504	132,377
1915,	10	65,141	24,182	107	54,187	118,952
LEOMINSTER.						
1914,	3	\$13,335	\$3,578	35	\$14,895	\$33,500
1915,	3	13,850	5,889	30	15,534	36,125
LOWELL.						
1909,	9	\$54,814	\$30,974	188	\$30,577	\$170,085
1912,	9	107,560	17,344	186	75,402	185,868
1913,	10	80,950	26,092	212	85,874	173,397
1914,	9	66,955	33,810	217	94,742	199,347
1915,	9	82,960	48,164	219	97,802	221,975
LYNN.						
1909,	10	\$107,874	\$48,173	270	\$118,929	\$276,314
1912,	12	167,764	41,032	323	146,696	334,537
1913,	14	208,990	48,010	332	154,432	353,751
1914,	16	257,228	44,967	348	151,526	353,038
1915,	16	291,475	50,220	299	157,990	345,436
MALDEN.						
1909,	3	\$14,000	\$5,274	82	\$42,349	\$64,986
1912,	4	37,249	12,372	97	50,450	93,466
1913,	5	40,814	15,527	123	66,432	118,844
1914,	4	42,549	26,299	122	54,600	119,937
1915,	5	34,610	17,748	131	71,159	121,374
MELROSE.						
1914,	3	\$9,860	\$4,874	17	\$9,187	\$25,996
1915,	3	12,995	3,245	16	8,561	26,160
METHUEN.						
1914,	3	\$14,643	\$4,167	51	\$22,834	\$36,651
1915,	3	15,275	4,740	51	22,969	43,600
NATICK.						
1914,	3	\$19,050	\$3,690	24	\$11,363	\$27,400
1915,	3	16,260	4,180	25	11,330	28,105
NEW BEDFORD.						
1909,	10	\$76,374	\$27,299	180	\$85,740	\$175,172
1912,	14	198,096	36,141	226	121,455	260,400
1913,	14	157,273	51,379	249	138,875	312,358
1914,	13	142,976	47,846	229	126,809	294,490
1915,	15	189,758	50,431	254	148,981	343,297
NEWBURYPORT.						
1909,	3	\$10,761	\$3,213	25	\$10,021	\$25,253
1912,	5	19,968	6,068	39	16,077	45,070
1913,	6	22,872	4,025	40	16,857	47,140
1914,	5	17,340	8,285	38	17,390	41,980
1915,	5	15,312	7,510	50	24,089	47,284

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

CITIES AND TOWNS.		Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
NORTH ADAMS.							
1914,	.	4	\$41,103	\$11,240	65	\$29,340	\$62,366
1915,	.	4	49,285	10,492	68	29,579	68,696
NORTHAMPTON.							
1909,	.	3	\$15,657	\$6,320	39	\$15,281	\$31,551
1912,	.	3	23,312	3,957	44	18,956	43,000
1913,	.	3	21,580	5,862	51	22,478	46,872
1914,	.	4	16,018	7,820	53	23,890	50,734
1915,	.	4	18,770	5,609	54	24,396	46,143
PITTSFIELD.							
1914,	.	3	\$37,016	\$8,787	51	\$27,041	\$52,764
1915,	.	3	36,350	8,805	47	25,136	48,952
QUINCY.							
1909,	.	4	\$36,828	\$11,850	40	\$20,666	\$56,393
1912,	.	5	39,465	7,570	54	28,668	66,298
1913,	.	5	41,705	10,299	59	33,213	74,325
1914,	.	7	51,730	14,985	69	34,668	86,516
1915,	.	4	31,832	10,146	51	31,467	61,994
SALEM.							
1909,	.	3	\$31,736	\$16,598	149	\$69,614	\$152,212
1912,	.	4	44,584	23,283	147	77,172	163,843
1913,	.	4	49,459	23,768	148	77,699	167,652
1914,	.	5	62,298	22,535	152	82,714	176,825
1915,	.	4	100,747	17,908	148	81,705	173,575
SOMERVILLE.							
1909,	.	5	\$32,415	\$8,822	59	\$26,977	\$64,676
1912,	.	5	17,195	12,106	65	32,649	97,375
1913,	.	4	19,176	14,931	66	36,210	96,384
1914,	.	5	19,916	19,908	66	40,894	96,781
1915,	.	6	35,569	19,674	86	46,581	117,283
SPRINGFIELD.							
1909,	.	12	\$163,668	\$36,303	252	\$97,496	\$284,732
1912,	.	11	250,029	51,771	336	170,613	389,441
1913,	.	12	273,008	68,260	422	212,220	472,474
1914,	.	13	278,335	57,299	358	182,159	421,202
1915,	.	14	336,028	65,953	383	190,937	419,865
TAUNTON.							
1909,	.	5	\$42,775	\$13,238	92	\$34,508	\$72,216
1912,	.	4	80,770	12,360	94	39,034	87,555
1913,	.	4	81,235	15,740	92	41,591	95,711
1914,	.	5	58,325	27,962	95	47,319	103,066
1915,	.	5	61,563	15,811	102	44,137	96,855
WALTHAM.							
1909,	.	3	\$34,422	\$10,416	75	\$31,536	\$73,708
1914,	.	3	27,501	12,475	100	51,726	115,399
1915,	.	3	36,670	12,178	84	40,579	105,658
WATERTOWN.							
1914,	.	4	\$87,091	\$44,829	272	\$147,265	\$270,686
1915,	.	4	101,209	40,960	225	131,358	254,731
WORCESTER.							
1909,	.	13	\$174,255	\$59,656	357	\$144,116	\$316,215
1912,	.	12	247,766	71,135	405	184,965	420,738
1913,	.	12	270,404	75,193	414	190,730	439,221
1914,	.	11	254,079	84,786	358	184,063	416,376
1915,	.	11	250,457	75,341	383	186,049	430,253
OTHER CITIES AND TOWNS.							
1909,	.	95	\$673,795	\$185,775	1,299	\$576,907	\$1,240,594
1912,	.	118	1,049,599	266,832	1,825	815,982	1,927,460
1913,	.	156	1,217,132	330,502	2,173	1,016,645	2,336,089
1914,	.	130	926,943	257,359	1,371	652,548	1,583,736
1915,	.	117	980,729	246,171	1,355	719,420	1,595,165

Classified Weekly Wages (Rates). General Laundries — 1915.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	7,396	-	11	54	468	1,146	1,128	1,076	820	601	223	420	149	211	303	282	242	129	57	81
Per cent,	100	-	0.1	0.7	6.3	15.5	15.2	14.6	11.1	8.1	3.0	5.7	2.0	2.9	4.1	3.8	3.3	1.7	0.8	1.1
Males (18 years and over),	2,143	-	-	2	9	32	40	69	114	189	91	266	117	179	278	268	233	126	57	73
Per cent,	100	-	-	0.1	0.4	1.5	1.9	3.2	5.3	8.8	4.2	12.4	5.5	8.3	13.0	12.5	10.9	5.9	2.7	3.4
Females (18 years and over),	4,975	-	3	38	383	989	1,042	996	705	412	132	154	32	30	25	14	9	3	-	8
Per cent,	100	-	1	1.0	7.7	19.9	20.9	20.0	14.2	8.3	2.7	3.1	0.6	0.6	0.6	0.3	0.2	1	-	0.1
Young persons (under 18 years of age),	273	-	8	14	76	125	41	11	1	-	-	-	-	2	-	-	-	-	-	-
Per cent,	100	-	2.9	5.0	27.3	45.0	14.7	4.0	0.4	-	-	-	-	0.7	-	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries — 1915.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	894	-	16	34	45	59	59	49	86	75	55	108	43	50	70	49	56	10	8	18
Per cent,	100	-	1.8	3.8	5.0	6.6	6.6	5.5	9.6	8.4	6.1	12.1	4.8	5.6	7.8	5.5	6.3	1.1	0.9	1.6
Males (18 years and over),	721	-	1	8	12	32	31	39	66	67	52	105	43	50	70	49	56	19	8	13
Per cent,	100	-	0.1	1.1	1.7	4.4	4.3	5.4	9.2	9.3	7.2	14.6	6.0	6.9	9.7	6.8	7.8	2.6	1.1	1.8
Females (18 years and over),	157	-	11	24	28	26	26	9	20	7	3	3	-	-	-	-	-	-	-	-
Per cent,	100	-	7.0	15.3	17.8	16.6	16.6	5.7	12.7	4.5	1.9	1.9	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	4	2	5	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-
Per cent,	100	-	25.0	12.5	31.4	6.3	12.5	6.3	-	6.3	-	-	-	-	-	-	-	-	-	-

: Less than one-tenth of one per cent.

IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first Report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts; Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The ninth Annual Report covers municipal fiscal years ending between November 30, 1914, and March 31, 1915. Any of the reports now in print will be sent upon application.

V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. That indicated by an asterisk (*) is now out of print; those which remain in print will be mailed upon application.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

***No. 2. July, 1910.** Recent Legislation relative to Town Finances and Municipal Accounts. (Superseded by Bulletin No. 7.)

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter 616 of the Acts of 1910.

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Against which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being made.

No. 5. July, 1913. Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913, the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. (Superseded by Bulletin No. 7.)

No. 6. July, 1914. Laws relating to Municipal Finances with amendments of 1914. (Superseded by Bulletin No. 7.)

No. 7. July, 1915. Laws relating to Municipal Finances with amendments of 1914 and 1915. (Supersedes Bulletins Nos. 2, 5, and 6.) (Supplement, issued in 1916, contained amendments of 1916.)

VI. REPORT ON THE STATE PUBLIC EMPLOYMENT OFFICES.

(Public Document No. 80.)

Public employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, Fall River, and Worcester. The first Annual Report on the State Public Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The ninth Annual Report was issued in January, 1916, and covered the year ending November 30, 1915.

VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (*), which are now out of print, will be mailed upon application.

***January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

***January 6, 1911.** The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

April 15, 1912. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

August 1, 1913. A Directory of Massachusetts Manufactures, 1913.

August 1, 1914. Report on Power Laundries in Massachusetts, 1913.

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915, and the returns are now being tabulated.

